

20020903.qrp v02_n667.qrl.20020903

Date: Tue, 3 Sep 2002 19:03:06 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2667

QRP-L Digest 2667

Topics covered in this issue include:

- 1) [134012] Re: Kite Antennas: 88' Dipole
by "ss lyon" <sslyon@megalink.net>
- 2) [134013] Re: PSK Help
by "David Gilson" <kd3em@velocity.net>
- 3) [134014] Re: Kite Antennas: 88' Dipole
by "Ian Wilson" <ianmwilson@earthlink.net>
- 4) [134015] Ack! N/C Narrow Paddles gone!
by "Doug Hauff" <dhauff@digitalputty.com>
- 5) [134016] Re: Kite Antennas: 88' Dipole
by "ss lyon" <sslyon@megalink.net>
- 6) [134017] Re: Antenna Question ???
by "Bob Tellefsen" <n6wg@earthlink.net>
- 7) [134018] Re: Homebrew Alcohol Stove
by "Bill Jones" <kd7s@psnw.com>
- 8) [134019] Another Incredibly Stupid Thing to do.
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 9) [134020] Antenna Question : Roof G.P.
by "ss lyon" <sslyon@megalink.net>
- 10) [134021] FOX: N4DD FOX LOG 8/29/02
by "Dennis Brickey" <n4dd@preferred.com>
- 11) [134022] Incredibly Stupid: A perspective thing...
by "ss lyon" <sslyon@megalink.net>
- 12) [134023] Re: Another Incredibly Stupid Thing to do.
by "Brian" <brian@iquest.net>
- 13) [134024] Re: Another Incredibly Stupid Thing to do.
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 14) [134025] Re: Another Incredibly Stupid Thing to do.
by N0BN@aol.com
- 15) [134026] The Sprint
by "Jerry Ford" <benlightnd13@mchsi.com>
- 16) [134027] Spartan Sprint, K2 and Stealth Antenna
by "Jean and Gary Hanson" <hansongr@uts.cc.utexas.edu>
- 17) [134028] Spartan Sprint
by "Jeff Davis" <ke9v@att.net>
- 18) [134029] ARS Sprint
by "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
- 19) [134030] Re: Building RADIOS!

- by Nelson Winter <thenels@go.com>
- 20) [134031] LINUX web page
by Chuck Adams <k7qo@earthlink.net>
- 21) [134032] Re: TS help Needed: Microphonic Rock-Mite
by Nelson Winter <thenels@go.com>
- 22) [134033] Combining antenna modeling with real-world feedline calculations
by Dan Maguire <bethdan@pacbell.net>
- 23) [134034] Re: Homebrew Alcohol Stove
by "Leon Heller" <leon_heller@hotmail.com>
- 24) [134035] Re: Building RADIOS!
by "Leon Heller" <leon_heller@hotmail.com>
- 25) [134036] Spartan Sprint / Rock Mite
by Jim Cluett <w1pid@yahoo.com>
- 26) [134037] Re: Building RADIOS!
by "Mike Yetsko" <myetsko@insydesw.com>
- 27) [134038] Re: 88 foot dipole >?<
by Bill Coleman <aa4lr@arrl.net>
- 28) [134039] Simpson 260 schematic/layout
by "Siegrist, David" <david.siegrist@intel.com>
- 29) [134040] RE: motorhome antenna suggestions anyone?
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 30) [134041] RE: Interesting Article: Computer "breeds" a radio
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 31) [134042] Re: Another Incredibly Stupid Thing to do.
by Garey Barrell <k4oah@mindspring.com>
- 32) [134043] RE: motorhome antenna suggestions anyone?
by W2AGN <w2agn@w2agn.net>
- 33) [134044] Re: Spartan Sprint / Rock Mite
by "Rod N0RC" <rod@n0rc.us>
- 34) [134045] Ten Tec Century 21 Question
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 35) [134046] RE: Gel cell - recovered
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 36) [134047] RE: Positive ground mobile
by "AI2Q Alex" <ai2q@adelphia.net>
- 37) [134048] Re: Homebrew Alcohol Stove
by "Tim, N9PUZ" <n9puz@arrl.net>
- 38) [134049] Ni-cad ?
by "W2WU" <w2wurjj@verizon.net>
- 39) [134050] Re: Another Incredibly Stupid Thing to do.
by David Hinerman <WD8CIV@worldnet.att.net>
- 40) [134051] Re: Simpson 260 schematic/layout
by Dave Marling <ve1vq@auracom.com>
- 41) [134052] RE: Simpson 260 schematic/layout
by "AI2Q Alex" <ai2q@adelphia.net>
- 42) [134053] Re: Ten Tec Century 21 Question
by William R Colbert <w5xe@juno.com>
- 43) [134054] Tonight. Tuesday NEQRP SSB Net at 7:30PM EDST on 7.286Mhz +- 5Khz

by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
44) [134055] UPDATED: the "Rock-Mite: files
by "Rod NØRC" <rod@nØrc.us>
45) [134056] Re: Gel cell - recovered
by "" <markb@abq.com>
46) [134057] Contest: Spartan Sprint Results - K7RE
by Brian Kassel <bkassel@mato.com>
47) [134058] Re: Ni-cad ?
by "" <markb@abq.com>
48) [134059] Lead Acid Battery Desulfator
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
49) [134060] Re: Ni-cad ?
by "Tim, N9PUZ" <n9puz@arrl.net>
50) [134061] Re: Ni-cad ?
by "Tim, N9PUZ" <n9puz@arrl.net>
51) [134062] Radio for trade
by "Mullin, Edward J." <mulline@tycoelectronics.com>
52) [134063] Re: Homebrew Alcohol Stove
by "Rob Matherly" <w0jrm@arrl.net>
53) [134064] Cat 5 Wire as feedline?
by Rob Ellis <ac6wq@yahoo.com>
54) [134065] Re: Spartan Sprint / 20 mtr Rock Mite + 1 watt can do the trick.
by Jim Larsen - AL7FS <AL7FS@arrl.net>
55) [134066] Re: Fw: Radial Function Comments
by Bruce Muscolino <w6toy@erols.com>
56) [134067] Re: Homebrew Alcohol Stove
by Jeff Dairiki <dairiki@dairiki.org>
57) [134068] Re: Cat 5 Wire as feedline?
by Chris Cartwright <ccart@phideaux.com>
58) [134069] Kite antennas
by J.Bennett@lboro.ac.uk
59) [134070] Re: Homebrew Alcohol Stove
by "Leon Heller" <leon_heller@hotmail.com>
60) [134071] GDO
by Ed Tanton <n4xy@earthlink.net>
61) [134072] Re: GDO
by "George, W5YR" <w5yr@att.net>
62) [134073] MI QRP Net
by kwike@gdls.com
63) [134074] Re: Kite antennas
by Jake Brodsky <frussle@erols.com>
64) [134075] Re: [133879] Re: Pacificon...Which Airport? The "How to" on a budget.
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
65) [134076] What part do I have?
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
66) [134077] Re: What part do I have?
by Ed Tanton <n4xy@earthlink.net>

- 67) [134078] Rock Mite 20 with oscillation problem
by "John McClain" <digi2@earthlink.net>
- 68) [134079] Re: Cat 5 Wire as feedline?
by Glen Reid <k5fx@arrl.net>
- 69) [134080] Re: Rock Mite 20 with oscillation problem
by wb0wao@hotmail.com (Dennis Ponsness)
- 70) [134081] Re: What part do I have?
by na5n@zianet.com
- 71) [134082] RE: Rock Mite 20 with oscillation problem
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 72) [134083] Re: Rock Mite 20 with oscillation problem
by "John McClain" <digi2@earthlink.net>
- 73) [134084] Antenna Modeling software.
by "Mullin, Edward J." <mulline@tycoelectronics.com>
- 74) [134085] Re: Ni-cad ?
by David Hinerman <WD8CIV@worldnet.att.net>
- 75) [134086] Help with flea market treasure.
by "Chad Nelson" <galahad@boisecenter.net>
- 76) [134087] Re: Antenna Modeling software.
by "Ian Wilson" <ianmwilson@earthlink.net>
- 77) [134088] Re: Help with flea market treasure.
by David Hinerman <WD8CIV@worldnet.att.net>
- 78) [134089] MFJ 9420 info needed
by "John Dorson" <jdorson@worldshare.net>
- 79) [134090] Re: Help with flea market treasure.
by "Mark Andrews" <KE4IOF@ke4iof.com>
- 80) [134091] RE: Antenna Modeling software.
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 81) [134092] Re: What part do I have?
by "Leon Heller" <leon_heller@hotmail.com>
- 82) [134093] Re: Help with flea market treasure.
by "Leon Heller" <leon_heller@hotmail.com>
- 83) [134094] cheap CAD
by David Hinerman <WD8CIV@worldnet.att.net>
- 84) [134095] Re: Help with flea market treasure.
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 85) [134096] Analog Century 21 Manual
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 86) [134097] Re: Help with flea market treasure.
by "Chad Nelson" <galahad@boisecenter.net>
- 87) [134098] Parts Stock-up
by "Rick Tyler" <rp.tyler@worldnet.att.net>
- 88) [134099] Re: Help with flea market treasure.
by "Tim, N9PUZ" <n9puz@arrl.net>
- 89) [134100] permanent SLV
by Bruce Rattray <rattray@gpfn.sk.ca>
- 90) [134101] RE: What part do I have?
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

- 91) [134102] Re: Homebrew Alcohol Stove
by "Mike Yetsko" <myetsko@insydesw.com>
- 92) [134103] OT: Re: Homebrew Alcohol Stove
by alan.kaul@att.net
- 93) [134104] RE: motorhome antenna suggestions anyone?
by Nick Kennedy <nkennedy@tcainternet.com>
- 94) [134105] Re: Homebrew Alcohol Stove
by Mark Schoonover <schoon@amgt.com>

Date: Mon, 2 Sep 2002 18:59:01 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "Ian Wilson" <ianmwilson@earthlink.net>,
"chat qrp" <qrp-1@lehigh.edu>
Subject: [134012] Re: Kite Antennas: 88' Dipole
Message-ID: <004e01c252d4\$547085c0\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Centerfed with 450 ohm window line works great. Bring the window line from feed point over to the fly line to make a 90 deg angle about 50' away and tie it to the fly line. Let it drop to the operating position. You'll learn to judge angles, etc. after the first couple of tries :)

73

AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm
----- Original Message -----
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "ss lyon" <sslyon@megalink.net>
Sent: Monday, September 02, 2002 6:34 PM
Subject: Re: Kite Antennas: 88' Dipole

> Seab,
>
> Sounds intruiging. How do you feed such an arrangement?
>
> 72,
>
> --ian k3imw/6

>
>
>

Date: Mon, 2 Sep 2002 19:21:45 -0400
From: "David Gilson" <kd3em@velocity.net>
To: <lou@harborside.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134013] Re: PSK Help
Message-ID: <002101c252d7\$817fd540\$dc627841@yourw92p4bhlzg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

TRY WWW.AC6V.COM AND LOOK UNDER PSK.

Dave KD3EM

----- Original Message -----
From: "Sparky" <lou@harborside.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, September 02, 2002 4:19 PM
Subject: PSK Help

> Where is the best place to go on the web to find out about PSK.. I know
nothing about it, but want to find out.

Date: Mon, 2 Sep 2002 17:03:26 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: <sslyon@megalink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134014] Re: Kite Antennas: 88' Dipole
Message-ID: <00bf01c252dd\$53e594c0\$0b02a8c0@trabucoserver>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Took a quick look at this using MMANA - looks like a powerful DX performer,

major lobes at 8 deegrees on 20m!

Can't wait to get out to the desert now..

72 de ian, k3imw/6

Date: Mon, 2 Sep 2002 17:27:00 -0700
From: "Doug Hauff" <dhauff@digitalputty.com>
To: <qrp-1@lehigh.edu>
Subject: [134015] Ack! N/C Narrow Paddles gone!
Message-ID: <004e01c252e0\$b3b17a60\$96393442@fix.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

'Way sold out!

72, Doug KE6RIE

Date: Mon, 2 Sep 2002 20:20:33 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <ianmwilson@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134016] Re: Kite Antennas: 88' Dipole
Message-ID: <007701c252df\$b82aea00\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As featured in the QST article, NE2Q and I used the 250' c.f. dipole with the bottom just 50' above ground. We cranked his rig down to one watt during the Dec. 1999 160m contest and hit MN, IL MO GA & SC on first call, using SSB. It was scary. When we mentioned that we were running one watt into a full sized (1/2 wave)160m vertical dipole, nobody believed us, on either fact. NE2Q is not a QRP operator, so I can't claim 160m MILES PER WATT.... yet.

73

AA1MY

Seabury & Sharon Lyon

99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, September 02, 2002 8:03 PM
Subject: Re: Kite Antennas: 88' Dipole

> Took a quick look at this using MMANA - looks like a powerful DX performer,
> major lobes at 8 degrees on 20m!
>
> Can't wait to get out to the desert now..
>
> 72 de ian, k3imw/6
>
>
>

Date: Mon, 2 Sep 2002 17:34:00 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [134017] Re: Antenna Question ???
Message-ID: <MABBJOEABOILMKCJCLFCCEPHDIAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Bill

The roof will probably do bad things for an internal attic antenna.

However, it is a shame to waste that expanse of metal.

Is there some way you could run out a quarter wave of wire on your favorite band, and use the roof as a ground plane for it. Even if the wire had to run out horizontally, it would still work. Just ground your coax braid to the roof, tie the antenna wire to the center conductor, and load it up. Resonant quarter-wavelengths lengths will work best.

73, Bob N6WG

Date: Mon, 2 Sep 2002 17:39:29 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <kd1jv@moose.ncia.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134018] Re: Homebrew Alcohol Stove
Message-ID: <001b01c252e2\$5e0b98a0\$448b6bd1@microsoft>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>
Subject: OT: Homebrew Alcohol Stove

> I came up with a nice little alcohol stove design, which is made from a
> soup can and fruit cup can.

Me too at:
<http://www.psnw.com/~kd7s/photonstove.html>

Date: Mon, 2 Sep 2002 05:02:51 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [134019] Another Incredibly Stupid Thing to do.
Message-ID: <000001c2527d\$4f92b700\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I got a box of parts for the Nor'Easter in Friday, and got around to sorting them and getting them ready to kit today. With surface mount kits, you have to be very careful in your packaging, because some parts are very difficult to identify. I use the Doug Hendricks method of packing a plastic bag that is divided into compartments, then you lay the bag over a corresponding grid to ID the parts. Worked great on the SMK-1.

But before you can kit, you have to get the parts ready. They come in long tapes, and you have to cut them apart, if there are 4 x 47pF caps, then you cut the tape into strips of 4 caps. Takes awhile, but it works. Ok, I get the 60 bin parts cabinet, label all the drawers and start out. I find a

group of tubes of SOIC chips all taped together. Since I didn't want to cut the tubes apart, I decided to just pull the rubber stoppers and dump them into a bin. Pretty smart huh? NO IT WAS NOT!! I dumped and mixed 3 different SOIC chips in the same bin. Now, I get to separate them. Guess what, when you dump SOIC chips on the cabinet, they land upside down about 90% of the time. Now to find the Magnifying glass, because I have to make sure that I don't make any mistakes. But never fear, I'll get it done, just as long as I don't make any more stupid moves like that!! It could have been worse, I could have mixed the unmarked caps!!!! But this one does rank right up there with the dumb moves of my life. Arrrgh. 72, Doug

Date: Mon, 2 Sep 2002 20:51:48 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <n6wg@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134020] Antenna Question : Roof G.P.
Message-ID: <00a901c252e4\$15d818e0\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, September 02, 2002 8:34 PM
Subject: Re: Antenna Question ???

> Hello Bill
> The roof will probably do bad things for an internal attic antenna.
> However, it is a shame to waste that expanse of metal.
> Is there some way you could run out a quarter wave of wire on your favorite
> band, and use the roof as a ground plane for it. Even if the wire had to
> run out horizontally, it would still work. Just ground your coax braid to
> the roof, tie the antenna wire to the center conductor, and load it up.
> Resonant quarter-wavelengths lengths will work best.

> 73, Bob N6WG

>

What a great concept... treat it like an inverted-L, with elevated 'radial' / ground plane. I have a steel roof here. (Maine standard) and that idea would seem to deserve some modeling trials.

73

AA1MY

Date: Mon, 2 Sep 2002 21:14:53 -0400
From: "Dennis Brickey" <n4dd@preferred.com>
To: <qrp-1@lehigh.edu>
Subject: [134021] FOX: N4DD FOX LOG 8/29/02
Message-ID: <000501c252e7\$508c7320\$a47860ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am truly sorry for the delay guys. I pulled 42 hours at the grind this weekend, and I am spent. If anyone notices an obvious typo, please let me know and I will correct it. The band was long! Alaska and the west coast were loud enough to be my neighbors. Everything else was ESP. Hope to do a better job next time!

Best regards,

Dennis N4DD

UTC CALL RST SPC NAME PWR

0200 KB7WW 559 OR ART 5W
0200 N9NE 599 WI TODD 100mw
0201 K0EVZ 579 ND DOC 5W
0202 K9IUA 559 IL KEVIN 5W
0203 WA9TZE 559 WI JIM 5W

0205 K9DC 559 MI DAVE 5W
0205 K5DI 589 NM KARL 5W
0206 VE5RC 559 SK BRUCE 5W
0207 NK6A 559 CA DON 5W
0208 AL7FS 559 AK JIM 5W

0208 W9XU 559 WI LON 5W
0209 W9UQB 559 AZ MIKE 5W
0210 K8HJ 559 MI JOHN 5W
0210 VE3FAL 559 ON FRED 5W
0211 NK9G 559 WI RICK 5W

0212 WR50 559 TX DAVE 5W
0213 VA6RF 569 AB EARL 5W

0213 WE9K 559 WI GLENN 5W
0215 VE6JAZ 559 ON ROB 5W
0216 VE4WI 559 MB CRAIG 5W

0218 KG6CYN 559 CA TREV 5W
0219 KI0II 549 NE RON 1W
0219 K8DD 559 MI HANK 5W
0221 AD6JV 559 CA BILL 5W
0222 K7IE 579 OR CLAIR 5W

0223 W9HL 559 IL RANDY 5W
0226 VE7HHH 579 BC BLAIR 5W
0227 N7BVY 579 WA STEVE 5W
0233 K6MMC 579 CA MIKE 5W
0236 K0IIN 559 CO JASON 1W

0237 WB8RCR 599 MI JOHN 3W
0255 KI0RB 599 CO VINCE 5W
0258 N0IT 559 MO DAVE 5W
0301 NQ7T 559 WA GARY 5W
0318 N1FN 559 CO ET 5W

0323 VE6EX 559 AB DAN 5W
0327 N7XY 559 WA BOB 5W
0333 K5TR 349 TX GEO 5W
0344 WA8BXN 549 OH MIKE 5W
0344 KL7GN 559 AK GORDON 5W

0349 AC7A 559 AZ TOM 5W
N4DD

Date: Mon, 2 Sep 2002 21:18:02 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <ki6ds@dph.dpol.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134022] Incredibly Stupid: A perspective thing...
Message-ID: <00b301c252e7\$bfe3de20\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All I can say, Doug, is if THAT ranks right up there in your "stupid tricks" department, you are definitely in the bush league! Sure don't want to re-start a

"Comparative Stupidity" thread, but I just realized this is Monday, not Sunday, and missed the Sprint. We'll just let it rest there for the moment.

73

AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, September 02, 2002 8:02 AM

Subject: Another Incredibly Stupid Thing to do.

> Guys, I got a box of parts for the Nor'Easter in Friday, and got around to
> sorting them and getting them ready to kit today. With surface mount kits,
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> corresponding grid to ID the parts. Worked great on the SMK-1.

>

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> tapes, and you have to cut them apart, if there are 4 x 47pF caps, then you
> cut the tape into strips of 4 caps. Takes awhile, but it works. Ok, I get
> the 60 bin parts cabinet, label all the drawers and start out. I find a
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> the tubes apart, I decided to just pull the rubber stoppers and dump them
> into a bin. Pretty smart huh? NO IT WAS NOT!! I dumped and mixed 3
> different SOIC chips in the same bin. Now, I get to separate them. Guess
> what, when you dump SOIC chips on the cabinet, they land upside down about
> 90% of the time. Now to find the Magnifying glass, because I have to make
> sure that I don't make any mistakes. But never fear, I'll get it done, just
> as long as I don't make any more stupid moves like that!! It could have
> been worse, I could have mixed the unmarked caps!!!! But this one does rank
> right up there with the dumb moves of my life. Arrrgh. 72, Doug

>

Date: Mon, 2 Sep 2002 20:27:27 -0500

From: "Brian" <brian@iquest.net>

To: <ki6ds@dph.dpol.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [134023] Re: Another Incredibly Stupid Thing to do.

Message-ID: <002c01c252e9\$11fb61a0\$1064030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Too bad they aren't colored like socks.

I wear blue or black socks. My wife doesn't pair them up. I just grab three and I know at least two of them match. <grin>

I wonder if some smart guy will start making these things in different colors??

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, September 02, 2002 7:02 AM
Subject: Another Incredibly Stupid Thing to do.

> Guys, I got a box of parts for the Nor'Easter in Friday, and got around to
> sorting them and getting them ready to kit today. With surface mount kits,
> you have to be very careful in your packaging, because some parts are very
> difficult to identify. I use the Doug Hendricks method of packing a plastic
> bag that is divided into compartments, then you lay the bag over a
> corresponding grid to ID the parts. Worked great on the SMK-1.
>
> But before you can kit, you have to get the parts ready. They come in long
> tapes, and you have to cut them apart, if there are 4 x 47pF caps, then you
> cut the tape into strips of 4 caps. Takes awhile, but it works.
Ok, I get
> the 60 bin parts cabinet, label all the drawers and start out. I find a
> group of tubes of SOIC chips all taped together. Since I didn't want to cut
> the tubes apart, I decided to just pull the rubber stoppers and dump them
> into a bin. Pretty smart huh? NO IT WAS NOT!! I dumped and mixed
3
> different SOIC chips in the same bin. Now, I get to separate them.

Guess

> what, when you dump SOIC chips on the cabinet, they land upside down about
> 90% of the time. Now to find the Magnifying glass, because I have to make
> sure that I don't make any mistakes. But never fear, I'll get it done, just
> as long as I don't make any more stupid moves like that!! It could have
> been worse, I could have mixed the unmarked caps!!!! But this one does rank
> right up there with the dumb moves of my life. Arrrgh. 72, Doug
>
>
>

Date: Mon, 2 Sep 2002 21:36:09 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Brian <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134024] Re: Another Incredibly Stupid Thing to do.
Message-ID: <20020902213432.B76777-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 2 Sep 2002, Brian wrote:

> Too bad they aren't colored like socks.
>
> I wear blue or black socks. My wife doesn't pair them up. I just grab
> three and I know at least two of them match. <grin>

I gave that classical problem to my math class...and, instead of solving it, they asked who would wear only blue and black socks. May I show them you email?

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Mon, 2 Sep 2002 22:40:32 EDT
From: NOBN@aol.com
To: qrp-1@lehigh.edu
Subject: [134025] Re:Another Incredibly Stupid Thing to do.
Message-ID: <1be.cd5fafc.2aa57b20@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

I only own black dress socks: I can't tell dark blue from black in the=20
morning, or at least until I show up at the office or some other formal=20
function when the difference is obvious to the most casual observers.

Someone on this list once had a quote under their signature (I don't remembe=
r=20
who or I would attribute): "The difference between genius and stupidity is=20
genius has its limits".

(I only made 3 local contacts with SMK-1 on my 5 days backpacking. I had fu=
n=20
anyway: the hiking and camping was the point! Thanks for anyone who listene=
d=20
for or called me. I heard Tom N=D8DSP.)

72/73

Daniel N=D8BN

Date: Mon, 2 Sep 2002 21:59:33 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [134026] The Sprint
Message-ID: <02b801c252f5\$ee6ed020\$6d74da0c@mchsi.com>

Well, so much for the sprint!!

First one I got a chance to work thanks to the holiday. Only 10 Q's!!
Stayed on 40 and the SSB was a bit rough to deal with here.

Couple that with the power being down a bit on the K-1
(guress I'll dig in and do some tweaking) it wsa fun and the result
weren't that bad.

Thanks to everyone and hope you had a good time.

72/73 Jerry N0JRN

WA9TZE
K5JUP
K8DD
K7RE
VE3XT
WA8ZBT
K07X
N7XJ
N4BP
K4BAI

(THANKS TO ALL)

Date: Mon, 2 Sep 2002 20:37:51 -0500
From: "Jean and Gary Hanson" <hansongr@uts.cc.utexas.edu>
To: <qrp-1@lehigh.edu>
Subject: [134027] Spartan Sprint, K2 and Stealth Antenna
Message-ID: <LOBBIDCEEJCNEHDHFPBNAEKHCBA.hansongr@uts.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

Well, I finally got to put the new K2 through it's paces during the Spartan Sprint. I was out on my condo patio in 103 F temps at the start of the contest. I used my stealth antenna, a 20 meter vertical dipole anchored by a hummingbird feeder at the low end, about 5 ft off the ground. I had to take a swim during the middle of the contest and lost about an hour of operating time, but caught a few at the beginning and a few at the end. I only worked 9 stations, but picked up North Dakota, South Dakota, Florida, Hawaii and Alaska. Not bad for a stealth antenna. Obviously, there are some good ears out there.

Even with the K2 set to a 100 Hz bandwidth I could still hear multiple stations operating and at 1.5 Khz it was absolute mayhem, but fun to hear so many guys on the band. Can't wait until next month when the temps cool down into the 90's <grin>. Maybe my thumb and finger won't bond to the Norcal paddle and send all those extra dits and dahs.

see you then,

Gary, KJ5VW

Date: Mon, 2 Sep 2002 22:32:06 -0500
From: "Jeff Davis" <ke9v@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134028] Spartan Sprint
Message-ID: <002001c252fa\$7bc5afd0\$9800a8c0@N9AVG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm ready for winter--too much noise around these parts. :-)

18 total Qs--8 on 40m and 10 on 20 meters.

A really weak effort but I did manage to Work Dean, KH6B in Hawaii again (three out of the last four Spartan Sprints) and also snagged Bruce, KL7H/C6A just as I was shutting things down for the night.

Lots-O-Fun with 5 watts and a hunk of wire. Thanks ARS and all the Sprinters!

--
72 de Jeff
<http://www.qsl.net/ke9v/>

Date: Mon, 2 Sep 2002 23:11:55 -0500
From: "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [134029] ARS Sprint
Message-ID: <41200292341155439@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

All:

Sure was great to hear 20 in great shape tonight for the ARS Sprint. Some signals were 599+ here [g]. Setup = SST-20 to the IAC Double Bazooka up 48'. Worked Jim AL7FS, Dean KH6B and Dan SM5IM0/QRP. Thanks everyone for an outstanding evening.

73,
--Doc/K0EVZ

Date: Mon, 02 Sep 2002 23:07:46 -0700 (PDT)
From: Nelson Winter <thenels@go.com>
To: k8cv <qrp-1@lehigh.edu>
Subject: [134030] Re: Building RADIOS!
Message-ID: <7688575.1031033266136.JavaMail.thenels@gomailjtp01>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Thank you, and everyone else who responded. I ended up ordering some on-line. I never knew that there are 78 mm and 88 mm clothes pins! WOW!

-----Original Message-----

From: "k8cv"<k8cv@netzero.net>
To: thenels@go.com
Date: Mon Sep 02 02:46:34 PDT 2002
Subject: Re: Building RADIOS!

>Just went to google
>
><http://doityourself.com/store/9266326.htm>
>
>36 pins with metal spring for \$2.67 he he
>
>
>Walt Amos K8CV Royal Oak, MI.
>
>

>----- Original Message -----

>From: "Nelson Winter" <thenels@go.com>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Sent: Monday, September 02, 2002 06:50
>Subject: Re: Building RADIOS!

>

>
>> I have been looking for WOOD clothes pins everywhere (market/save-on/etc)
>with no luck. I thought it would be great fun to build a straight key out
>of a clothes pin.
>>
>> I live in Los Angeles and I think that someone just passed a new law
>making it illegal to sell wooden clothes pins in Los Angeles County (grin).
>>
>> Do you have any ideas on a supplier of wooden clothers pins? (not those
>worthless plastic ones)
>>
>> -----Original Message-----
>> From: "k8cv"<k8cv@netzero.net>
>> To: "Low Power Amateur Radio Discussion"<qrp-1@Lehigh.EDU>
>> Date: Sun Sep 01 10:25:14 PDT 2002
>> Subject: Building RADIOS!
>>
>> >Mike did an excellent post and reminded me of a couple more things.
>> >
>> >I do use the Egg CARTONS but only the paper kind, not the Styrofoam !
>Never
>> >ever. I use a static matt ! I use a wrist strap hooked the same ground
>the
>> >static matt is hooked to which is a cold water pipe.
>> >
>> >Make a " third hand " out of a piece of wood, can be a foot square or a
>> >piece of scrap window trim a foot long but WOOD and screw a wood clothes
>pin
>> >into it. One of those that has a metal spring and is square. Mount it at
>one
>> >end so the jaw sticks out in the air about an inch from the end of the
>wood.
>> >Drill a hole in the clothes pin or it will split, this is at the back
>part
>> >over the board where you would normally squeeze it to open the jaws.
>Screw
>> >down one side and only one side. :-) It will hold circuit boards,
>toroids,
>> >and even solder that you can move a board and iron onto.
>> >
>> >Walt Amos K8CV Royal Oak, MI.
>> >
>> >
>> >-----
>> >Introducing NetZero Long Distance
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>Sign Up Today! www.netzerolongdistance.com

GO.com Mail
Get Your Free, Private E-mail at <http://mail.go.com>

Date: Tue, 03 Sep 2002 06:25:41 +0100
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [134031] LINUX web page
Message-ID: <5.1.0.14.0.20020903062359.009f1780@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

qsl.net is not responding to an ftp command, so sometime on Tuesday I will get my work on using LINUX to keep a logbook, the SPICE tutorial, and a start on NEC2 moved over.

If you are a user of LINUX, you might be interested in this stuff. It will certainly keep you busy.....

FYI

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Tue, 03 Sep 2002 00:22:27 -0700 (PDT)
From: Nelson Winter <thenels@go.com>
To: Rod N0RC <qrp-1@lehigh.edu>
Subject: [134032] Re: TS help Needed: Microphonic Rock-Mite
Message-ID: <1554405.1031037747640.JavaMail.thenels@gomailjtp01>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Let's not forget Boris & Natasha!

-----Original Message-----
From: "Rod N0RC"<rod@n0rc.us>
To: "Low Power Amateur Radio Discussion"<qrp-1@Lehigh.EDU>
Date: Sat Aug 31 08:43:17 PDT 2002
Subject: Re: TS help Needed: Microphonic Rock-Mite

>Dennis,
>
>How did you determine that the XTAL was the source?
>
>AFAIK grounding the XTAL case may not help. Microphonics are caused by
>mechanical part vibrations, coupled to and amplified by the circuit(s)
>in question. Grounding the XTAL cases is done to reduce problem from
>radiated energy affecting the XTAL. (BTW my LO XTAL is grounded)
>
>OK here are some things I noticed:
>
>I reduced the gain of the Audio amp by reducing R4 & R5 (tacked large
>value Rs across them) no effect. So I'm not convinced audio stage can is
>problematic.
>
>I did notice that the microphonic problem is at its worst when the
>antenna is disconnected. With antenna and signal the problem is quite
>minimal. So for now I'm just operate and enjoy the rig, When operating I
>set the rig on a soft surface, some bubble wrap, foam rubber, folder up
>dish rag...all work well. In fact the first to QSO with the rig were
>with a PA and CA station. Not bad for 300+ mW. (I was running from a 12
>batt pack, with a 13.8 volt source the rig produces 500+ milliwatts)
>

>BTW the name for this new Rock-Mite is "Bullwinkle". The first rig was
>named, "the Rocky Mt Rock-Mite", "Rocky" for short. So please listen for
>"Moose" and "Squirrel" on 20 & 40 respectively.

>

>73, Rod N0RC

>

>----- Original Message -----

>From: "Dennis Ponsness" <wb0wao@hotmail.com>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Friday, August 30, 2002 11:58 PM

>Subject: Re: TS help Needed: Microphonic Rock-Mite

>

>

>> Rod es Ken,

>> Mine too has microphonics. It is the LO Xtal that is doing it, I
>am

>> gonna try grounding the case in the morning and see if that helps any.

>As I

>> understand it, DC receivers will do that. Mine isn't too bad and I

>can live

>

>

>

GO.com Mail

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Date: Tue, 03 Sep 2002 01:32:03 -0700

From: Dan Maguire <bethdan@pacbell.net>

To: qrp-1@lehigh.edu

Subject: [134033] Combining antenna modeling with real-world feedline calculations

Message-ID: <001101c25324\$61cdcac0\$9f2e7443@bethdan>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

The latest version of the freeware MultiNEC program can incorporate real-world feedline calculations into your antenna model. You have a choice of approximately 50 different types of coaxial and parallel wire lines and you may add, remove, or change the feedline at any time. The feedline calculations are done external to the normal NEC or EZNEC calculations for the model.

The advantages of doing separate calculations for a feedline, as opposed to using the NEC TL facility, include: no need to add a separate wire to the model to serve as the anchor for the station end of the line; no need to re-calculate the entire model just to change feedline parameters such as characteristic impedance or length; and the ability to include the effects of line loss in the calculations.

Note that this function models only the impedance transformation effects of a non-radiating transmission line attached to the antenna source point. Transmission lines that serve as an integral part of the model, such as those used with phased arrays, must still be modeled with the NEC TL facility.

MultiNEC now also includes a Smith chart sheet. You can see an example at www.qsl.net/ac6la/adhoc/mnsmith1.gif (~30 KB). The antenna in this case is everybody's-favorite-to-talk-about 102 foot doublet of #12 copper at 50 feet above real ground, calculated with a frequency set of 3.5 to 4.0 MHz, 7.0 to 7.3 MHz, and 10.1 to 10.2 MHz in 0.1 MHz steps and with frequency steps between the bands of 0.25 MHz. (Frequencies in a MultiNEC sweep need not be evenly spaced.) The wire was divided into 53 segments, about 50 segments per wavelength at the upper end of the sweep range. In the above Smith chart example the blue trace shows the R and X values at the antenna source and the red trace shows the impedances as transformed with 40 feet of Wireman 554 ladder line. (Parameters for Wireman line courtesy Wes Stewart, N7WS.) The chart is shown with a 50 ohm center and with the green dot marker placed at the 3.5 MHz point. You can change the Smith prime center if desired. The screen shot at www.qsl.net/ac6la/adhoc/mnsmith2.gif shows the same impedance points but on a chart with a 360 ohm center (the Ro value of the feedline) and with the marker on the 10.2 MHz point.

The latest MultiNEC release has several other enhancements, including the ability to show 3D radiation plots using the EZNEC, NecVu (Nittany Scientific), or 4nec2 viewers. For more details and a free download file see www.qsl.net/ac6la/. MultiNEC requires Excel 97 or later.

73,
Dan AC6LA

Date: Tue, 03 Sep 2002 09:16:46 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: kd7s@psnw.com, qrp-1@lehigh.edu
Subject: [134034] Re: Homebrew Alcohol Stove
Message-ID: <F78EfPUP2TdH4K1x2Qt0000f0c8@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>From: "Bill Jones" <kd7s@psnw.com>
>Reply-To: kd7s@psnw.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Homebrew Alcohol Stove
>Date: Mon, 2 Sep 2002 17:39:29 -0700

>

>

>----- Original Message -----

>From: "Steven Weber" <kd1jv@moose.ncia.net>

>Subject: OT: Homebrew Alcohol Stove

>

>

>

> > I came up with a nice little alcohol stove design, which is made from a
> > soup can and fruit cup can.

>

>Me too at:

><http://www.psnw.com/~kd7s/photonstove.html>

The Rev. George Dobbs, G4RJV, founder of the G-QRP club, mentioned a stove he was given when he visited a radio club in Ireland in his column in Practical Wireless, a couple of years ago. It was a very clever design, and could use anything that would burn like bits of wood, dry leaves, paper, etc. They were originally made by itinerant tinkers, and someone took the design and started making them commercially.

IIRC, it was basically a double-walled cylinder which acted as a chimney, filled with the water to be boiled, with the fuel burning in the base. It boiled very quickly, according to George.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Tue, 03 Sep 2002 09:25:18 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: thenels@go.com, qrp-1@lehigh.edu
Subject: [134035] Re: Building RADIOS!
Message-ID: <F1909EU1Q9rk0kQU2we00021def@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Nelson Winter <thenels@go.com>
>Reply-To: thenels@go.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Building RADIOS!
>Date: Mon, 02 Sep 2002 23:07:46 -0700 (PDT)

>

>Thank you, and everyone else who responded. I ended up ordering some
>on-line. I never knew that there are 78 mm and 88 mm clothes pins! WOW!

Another example of "two countries divided by a common language" (Churchill).
We call them clothes pegs over here. 8-)

They seem to be mostly made of plastic, these days.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Tue, 3 Sep 2002 03:14:15 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [134036] Spartan Sprint / Rock Mite
Message-ID: <20020903101415.15376.qmail@web11601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

OK - I was determined to work the Spartan Sprint with the Rock Mite. At 9:01 I worked W3KC. He gave me a 569. Pretty neat... at 9:03 a honking big broadcaster changed the picture. But, heck... I'd just come back from a 3 day camping trip and was REALLY ready for bed. Jim wlpid@arrl.net

Do You Yahoo!?
Yahoo! Finance - Get real-time stock quotes
<http://finance.yahoo.com>

Date: Tue, 3 Sep 2002 06:31:00 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, <thenels@go.com>
Subject: [134037] Re: Building RADIOS!
Message-ID: <003201c25335\$01aa3820\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From: Nelson Winter <thenels@go.com>
>Subject: Re: Building RADIOS!

One place to look for clothes pins, especially in different sizes, is crafts shops.

Mike

Date: Tue, 3 Sep 2002 08:02:22 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <lejek@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134038] Re: 88 foot dipole >?<
Message-ID: <20020903120220.SAWT24863.imf24bis.bellsouth.net@[192.168.0.23]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 8/31/02 9:12 PM, Larry Cahoon at lejek@erols.com wrote:

>I think this may be getting a bit beyond what matters.....

>

>>1) the SWR on the feedline is lower on the 33 footer, so some fraction of
>>your 3.1 dB advantage will be lost due to feedline loss due to the higher
>>SWR.

>

>Ok, how big is the difference? Is it big enough to matter?

Let's see. According to the ARRL handbook, 100 feet of 1" window line has a loss of 0.1 dB at 14 MHz. To get on the charts, let's consider 200 feet for a moment (0.2 dB).

A line with 0.2 dB of loss, with a 11:1 SWR, will have an additional 0.9 dB of loss.

Total loss = 1.1 dB.

A line with 0.2 dB of loss, with a 6:1 SWR, will have an additional 0.4 dB of loss.

Total loss = 0.6 dB.

Now, let's scale that back to 50 feet, for the typical feedline length of a 35 foot antenna and enough to reach the rig.

50 foot loss: 11:1 SWR = 0.28 dB

50 foot loss: 6:1 SWR = 0.15 dB

difference: 0.15 dB.

So, that 3.1 dB advantage is slightly less - 2.95 dB.

>30 ft of ladder

>line is not going to have major loss differences. The big one here is the
>13 ft of coax. That is not a lot of coax. Yes, every little bit of loss
>hurts.

Note that when you double the SWR, the loss due to SWR doubles. This is because the reflections increase. But, since the window line is pretty low loss anyway, it doesn't hurt terribly.

>But if you tell me it's is 0.3 dB I'm going to say I don't care,
>because in 99.99% of my QSOs it won't matter.

Agreed.

>>2) 10 dBi or 7 dBi at 30 degrees makes little difference if the signals
>>are arriving at an angle of 12 degrees! Or 7 degrees! 30 degrees is an
>>awfully high angle for 20m. Might be good to trans-equatorial DX, but not
>>for longer haul stuff. Of course, the specific angles used depend on the

>>geographic locations of the stations and the ionospheric conditions.

>

>I work more stateside than DX, so there are times I like a 30 degree
>takeoff angle. With a higher takeoff angle I just might have worked the
>last county I need QRP in SC today. It didn't happen.

On 20m, higher angles aren't as common. The situation gets worse for 15m
and 10m. Hence the "skip zone".

>>Height matters!

>

>I'll take your own point Bill. Yes it matters, but it is good only if it
>puts the signal where you need it. Higher may not be better.

Agreed.

>The fellow

>who regularly wins the 160 meter CW contests in the QRP category has
>nothing more than an inverted V hung from his tower. Max height I don't
>think is any more that 70 ft. Would a higher antenna help him? Perhaps,
>but it is real hard to argue when someone comes in first in the world with
>his antenna.

Then again, he might be better off with a vertical antenna on the same 70
foot support.

>George does have a point that a lot of guys are not going to get anywhere
>near a 100 ft elevation for any antenna. Better to understand all the
>factors - height, length, direction of maximum gain, propagation - and
>build the best antenna given our own situation to get the signal where we
>want it most. There just is no one best antenna that works for all of us.

Total and complete agreement here.

Much of the time, the type of antenna used is governed by practical,
rather than electrical, considerations.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

Date: Tue, 3 Sep 2002 05:28:37 -0700

From: "Siegrist, David" <david.siegrist@intel.com>

To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Cc: "Siegrist, David" <david.siegrist@intel.com>
Subject: [134039] Simpson 260 schematic/layout
Message-ID: <29AD895CE780D511A8870002A50A666D03E59DA9@hdsmsx106.hd.intel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hello folks,

Recently at the ARRL Boxboro convention, I had the opportunity (for \$2) to buy the first piece of test equipment the Navy taught me to use... a Simpson 260.

Got it home, and opened it up, and the distinct aroma of smoke wafted up.

I went to the Simpson web page (thanks to a pointer from the neqrp group) but only found schematics for newer equipment.

Does anyone out there have a schematic and perhaps layout of the older Simpson 260? I will be glad to reimburse any costs involved.

Thanks
dave /nt1u

David Siegrist
Intel Corp.
334 South St. SHR1-S30
Shrewsbury, Ma 01545

Date: Tue, 3 Sep 2002 08:31:08 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'jbcraft@adelphia.net'" <jbcraft@adelphia.net>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [134040] RE: motorhome antenna suggestions anyone?
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30704@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Since its your honeymoon, I suggest you leave the radio at home :-)

Mark AA4MF

-----Original Message-----

From: JB Crafts [mailto:jbcraft@adelphia.net]
Sent: Saturday, August 31, 2002 12:46 AM
To: Low Power Amateur Radio Discussion
Subject: motorhome antenna suggestions anyone?

I am leaving on a two - three week vacation in two weeks WIIGII -- it is my honeymoon!

Anyway, I need to get a radio in the motorhome... I was looking at the ladder as a natural antenna mounting base... but that ladder is darn thin!

Where is everyone else mounting antennas?? I really want to play radio as Janet (N8LBR) drives -- this trip just might convince her to upgrade.

The roof is metal, the sides are fiberglass... there is a lovely awning rail on both sides, but the right side is occupied...
Has anyone tried to load up an awning rail? Chassis as the counterpoise??

I am looking for suggestions.

Bob K8YS

Date: Tue, 3 Sep 2002 08:36:28 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'pgardella@yahoo.com'" <pgardella@yahoo.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134041] RE: Interesting Article: Computer "breeds" a radio
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30705@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I read about a program that "breeds" VHF yagis as well. Neat concept. The optimized designs looked nothing like the traditional yagis, but performed better.

Mark, AA4MF

-----Original Message-----

From: Patrick Gardella [mailto:pgardella@yahoo.com]
Sent: Sunday, September 01, 2002 10:47 AM

To: Low Power Amateur Radio Discussion
Subject: Interesting Article: Computer "breeds" a radio

Researchers at the University of Sussex were studying a "evolutionary" software package where the computer could try lots of different combinations of 10 transistors (Using "genes" and survival of the fittest, etc). They were trying to get it to "breed" an oscillator. But what does it do instead? It breeds a radio receiver! The software used a long lead on one of the circuit boards as an antenna.

<http://www.newscientist.com/news/news.jsp?id=ns99992732>

Not a lot of details in the article, but still an interesting read. So even computers want to be Hams and prove that homebrew is not dead!

73,
Patrick
N3EO

Do You Yahoo!?
Yahoo! Finance - Get real-time stock quotes
<http://finance.yahoo.com>

Date: Tue, 03 Sep 2002 08:47:13 -0400
From: Garey Barrell <k4oah@mindspring.com>
To: N0BN@aol.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134042] Re:Another Incredibly Stupid Thing to do.
Message-ID: <5.1.0.14.0.20020903084528.00a12d40@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

When caught with different color socks, the response is

"You like these? So do I. In fact, I have another pair at home just like these!"

73, Garey - K4OAH
Atlanta

At 10:40 PM 9/2/2002, N0BN@aol.com wrote:

>I only own black dress socks: I can't tell dark blue from black in the
>morning, or at least until I show up at the office or some other formal
>function when the difference is obvious to the most casual observers.

Date: Tue, 03 Sep 2002 08:54:25 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134043] RE: motorhome antenna suggestions anyone?
Message-ID: <3D7478C1.4819.9590559@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 3 Sep 2002 at 8:31, Fancher, Mark (GEAE) wrote:

> Since its your honeymoon, I suggest you leave the radio at home :-)
>
> Mark AA4MF
>

Negative! Get her training early. Make her climb trees to put up antennas, etc.
Otherwise you'll end up as one of those wimps that can't buy a new rig or put up
an antenna
for fear of the mythical monster called SWMBO.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / QRP, ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 3 Sep 2002 06:58:55 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <w1pid@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134044] Re: Spartan Sprint / Rock Mite
Message-ID: <004f01c25349\$a9eb66d0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Jim, et.al.

I too ran the ARS sprint with my Rock-Mite. Only made the last 45 min, and 2 contacts. W7ZOI & K2ZU both on 20m. The last hour of another contest was in progress so CONX were rough for tiny signals. I was only putting out 250-300mW running from 8 AA NiMH batts.

The AAPB board from KD1JV made all the difference in being able to work any stations. I tried briefly with out it YEOW, too many stations. Rounding out the setup was Doug Hauff's new Porta-Paddles (VERY NICE) and a NorCal BLT. Great little setup

73, Rod N0RC

----- Original Message -----

From: "Jim Cluett" <w1pid@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, September 03, 2002 4:14 AM

Subject: Spartan Sprint / Rock Mite

> OK - I was determined to work the Spartan Sprint with
> the Rock Mite. At 9:01 I worked W3KC. He gave me a
> 569. Pretty neat... at 9:03 a honking big broadcaster

Date: Tue, 3 Sep 2002 09:10:36 -0400

From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>

To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>

Subject: [134045] Ten Tec Century 21 Question

Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30706@ev008msxaege.ae.ge.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

A friend of mine (who owns a storage facility) just cleaned out a forgotten storage unit. He found a Century 21 and gave it to me.

Can anyone tell me more about this thing?

Mark, AA4MF

Date: Tue, 3 Sep 2002 09:28:46 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [134046] RE: Gel cell - recovered
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30707@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Interesting. I read an article from Home Power magazine that talked about occasionally performing an "equalization charge". They recommended charging a battery bank at 18 volts every month or so. I always wondered what this did, but maybe it revitalizes the poor performing cells in the bank.

-----Original Message-----
From: Chris Cartwright [mailto:ccart@phideaux.com]
Sent: Monday, September 02, 2002 11:12 AM
To: Low Power Amateur Radio Discussion
Subject: Gel cell - recovered

The recent talk of "reviving" gel cells sent me out the the barn to find a few "dead" ones that I had not recycled yet. I had two 12Ah 6V's and one 17Ah 12V. These came out of UPS's that were gifted to me since they were "broken" :) Two of the 1400VA units, with new batteries, now happily backup the eight Sparc machines and two IRIX boxes in data center in the basement.

I was most interested in recovering the 12V as it seemed the most useful. When I rescued it from the barn it had been sitting uncharged for over a year, and showed just over 2V across the terminals. Definitely a lead donor and not a battery. The first thing I tried was reverse polarity from a variable regulated 6A supply at 13.8V. At first it wouldn't take any current, but within 2 or 3 minutes it was drawing 6A. As soon as the current started to climb, I pulled the leads. I did this three times before hooking it up with correct polarity to 13.8V and leaving it for a week. At the end of a week, as soon as I would pull the charge leads, it would rather quickly retreat to about 9V. With nothing to loose, I cranked the power supply to 15V (max for the supply) and left the beast to "cook" for a few days. I forgot about it, and it sat on the 15V supply for just under 6 days, and was warm, but not uncomfortably so, when I "remembered" it.

Friday I pulled it off the supply and after a sitting a day, measured

12.74V. I ran a load test on it at a little less than one amp, and am getting about 10Ah of capacity out of it. It recharged overnight at roughly the same rate as the "good one" I use most of the time, (3.5 yrs old 15Ah capacity left). I used a similar method for the 6V 12Ah units, but haven't load tested them yet.

I'm not sure if the combination of steps had anything to do with it, but suspect that the [V-nominal +25%] step did these the most good. If/when I come across another dead one, I'll skip the one year resting phase, and the reverse polarity step, and see if just overvoltage makes them recover some useful life.

So while they may not end up with full capacity, you might want to consider offering 25 or 50 cents for some of the "dead" ones at the next 'fest, as long as you can recycle the ones that don't come back from the edge. I ended up with a 10Ah 12V gell cell for "free", but probably would have paid at least \$10-15 for a newer 7Ah "pull". Seems like a deal to me:) And yes, it was done outdoors, and goggles were used when brutalizing it with 15V. Now, it lives with all the others in the basement, but the safety glasses stay in place.

YMMV, may cause drowsiness, weight gain, or headache. Side effects similar to sugar pill. Results not typical. Performed by a professional driver on a closed course. Offer may vary by region. Value 1/20 of a cent.

72

```
-- Chris Cartwright,   Unix Administrator |      ccart@phideaux.com      --
-- N3XRV      ARRL-VE   Norcal Zombie #163 |      Oxford, PA 19363 FM29as    --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

Date: Tue, 3 Sep 2002 09:46:53 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@lehigh.edu>
Cc: "'Mike Yetsko'" <myetsko@insydesw.com>
Subject: [134047] RE: Positive ground mobile
Message-ID: <000401c25350\$5d09af00\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for your thoughts on this Mike. As you suggest, I have thought about

an auxiliary battery, but my scheme would use a DPDT switch.

In "normal" use, the second battery could be across the car's main battery, and get charged from the vintage car's generator. Then, when I throw the DPDT switch, I could ground the negative terminal of the secondary battery, and feed the positive voltage to the rig. I may wind up doing that.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: Mike Yetsko [mailto:myetsko@insydesw.com]

Sent: Monday, September 02, 2002 5:04 PM

To: ai2q@adelphia.net; Low Power Amateur Radio Discussion

Subject: Re: Positive ground mobile

> Given the pool of technical knowledge on this list, I wonder if anyone
can
> suggest a way to feed a typical HF mobile whip antenna (center loaded,
with
> low-Z feedpoint) in an installation where the car's electrical system
uses a
> positive ground.
>
> I tried feeding a Hustler whip through a homemade toroidal coupling
> transformer in order to achieve DC isolation, but my transformer seems
> inadequate to achieve adequate coupling. I'm not interested in reversing
the
> vintage car's system polarity. The transceiver is an Atlas-210X.
>
> Any thoughts?
>
> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

At the risk of sounding foolish... Have you thought about changing the
radio?

Or how about fooling it so that it appears to be in a negative ground
vehicle..

Like a motorcycle battery to power it. And tie the negative of the
motorcycle battery to ground, and feed the + to the Atlas. Then
to keep the battery charged, just use one of the polarity inverters.
The inexpensive ones only go to about 2 or 3 amps, but that should
be more than enough to keep the motorcycle battery charged.

Mike

Date: Tue, 3 Sep 2002 08:51:42 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [134048] Re: Homebrew Alcohol Stove
Message-ID: <200209031347.IAA03928@zinc.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Tue, 03 Sep 2002 09:16:46 +0000, Leon Heller wrote:

>
>The Rev. George Dobbs, G4RJV, founder of the G-QRP club,=
mentioned a stove
>he was given when he visited a radio club in Ireland in his=
column in
>Practical Wireless, a couple of years ago. It was a very clever=
design, and
>could use anything that would burn like bits of wood, dry=
leaves, paper,
>etc. They were originally made by itinerant tinkers, and someone=
took the
>design and started making them commercially.
>
>IIRC, it was basically a double-walled cylinder which acted as a=
chimney,
>filled with the water to be boiled, with the fuel burning in the=
base. It
>boiled very quickly, according to George.

These are called either a Volcano Kettle or Kelley Kettle. The=
original manufacturer has been out of business for some years=
now but the Kelley Kettle Company in England still manufactures=
them in 1.0 pint and 2.5 pint sizes. Using twigs and dry grass=
as fuel they will boil 2.5 pints of water in about 3 minutes.=
There is also a cook kit for the 2.5 pint size. (I'm a=
dealer/distributor here in the US.)

Tim, N9PUZ
N9PUZ Ham Radio Page: <http://www.qsl.net/n9puz>
Learn About Amateur Radio: <http://www.arrl.org/hamradio.html>

Date: Tue, 3 Sep 2002 09:58:26 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <Mark.Fancher@ae.ge.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134049] Ni-cad ?
Message-ID: <000401c25352\$000d71e0\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does the method applied to Gel-Cells apply to Ni-Cads? I've been taught to run a Ni-cad flat before charging & high current charging is detrimental. Suggestions for Wall Wart users? 73, Ron W2WU

----- Original Message -----

From: Fancher, Mark (GEAE) <Mark.Fancher@ae.ge.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: 03 September, 2002 09:28
Subject: RE: Gel cell - recovered

> Interesting. I read an article from Home Power magazine that talked about
> occasionally performing an "equalization charge". They recommended
charging a

> battery bank at 18 volts every month or so. I always wondered what this
did,

> but maybe it revitalizes the poor performing cells in the bank.

>

> -----Original Message-----

> From: Chris Cartwright [mailto:ccart@phideaux.com]

> Sent: Monday, September 02, 2002 11:12 AM

> To: Low Power Amateur Radio Discussion

> Subject: Gel cell - recovered

>

>

>

> The recent talk of "reviving" gel cells sent me out the the barn to
> find a few "dead" ones that I had not recycled yet. I had two 12Ah
> 6V's and one 17Ah 12V. These came out of UPS's that were gifted to me
> since they were "broken" :) Two of the 1400VA units, with new batteries,
> now happily backup the eight Sparc machines and two IRIX boxes in data
> center in the basement.

>

> I was most interested in recovering the 12V as it seemed the most useful.

> When I rescued it from the barn it had been sitting uncharged for over a

> year, and showed just over 2V across the terminals. Definitely a lead
> donor and not a battery. The first thing I tried was reverse polarity
> from a variable regulated 6A supply at 13.8V. At first it wouldn't take
> any current, but within 2 or 3 minutes it was drawing 6A. As soon as the
> current started to climb, I pulled the leads. I did this three times
> before hooking it up with correct polarity to 13.8V and leaving it for a
> week. At the end of a week, as soon as I would pull the charge leads, it
> would rather quickly retreat to about 9V. With nothing to loose, I
> cranked the power supply to 15V (max for the supply) and left the beast
> to "cook" for a few days. I forgot about it, and it sat on the 15V supply
> for just under 6 days, and was warm, but not uncomfortably so, when I
> "remembered" it.
>
> Friday I pulled it off the supply and after a sitting a day, measured
> 12.74V. I ran a load test on it at a little less than one amp, and am
> getting about 10Ah of capacity out of it. It recharged overnight at
> roughly the same rate as the "good one" I use most of the time, (3.5 yrs
> old 15Ah capacity left). I used a similar method for the 6V 12Ah units,
> but haven't load tested them yet.
>
> I'm not sure if the combination of steps had anything to do with it, but
> suspect that the [V-nominal +25%] step did these the most good. If/when I
> come across another dead one, I'll skip the one year resting phase, and
> the reverse polarity step, and see if just overvoltage makes them recover
> some useful life.
>
> So while they may not end up with full capacity, you might want to
> consider offering 25 or 50 cents for some of the "dead" ones at the next
> 'fest, as long as you can recycle the ones that don't come back from the
> edge. I ended up with a 10Ah 12V gell cell for "free", but probably
> would have paid at least \$10-15 for a newer 7Ah "pull". Seems like a deal
> to me:) And yes, it was done outdoors, and goggles were used when
> brutalizing it with 15V. Now, it lives with all the others in the
> basement, but the safety glasses stay in place.
>
> YMMV, may cause drowsiness, weight gain, or headache. Side effects
> similar to sugar pill. Results not typical. Performed by a professional
> driver on a closed course. Offer may vary by region. Value 1/20 of a
> cent.
>
> 72
>
>
> -- Chris Cartwright, Unix Administrator |
ccart@phideaux.com --
> -- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363
9as --
> -- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI

#9271 --

>
>

Date: Tue, 03 Sep 2002 10:06:05 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [134050] Re:Another Incredibly Stupid Thing to do.
Message-ID: <5.1.0.14.1.20020903100340.00a69100@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You guys and your socks. About 20 years ago I had been at work for about an hour before I noticed I was wearing mismatched shoes.

At the time I wore suede Hush Puppies for work and cheap suede-like sneakers for casual times. I put them on in the darkened bedroom that morning, and they felt the same.

Dave

At 08:47 AM 9/3/2002 -0400, you wrote:
>When caught with different color socks, the response is
>
>"You like these? So do I. In fact, I have another pair at home just like
>these!"
>
>73, Garey - K40AH
>Atlanta
>
>At 10:40 PM 9/2/2002, NOBN@aol.com wrote:
>>I only own black dress socks: I can't tell dark blue from black in the
>>morning, or at least until I show up at the office or some other formal
>>function when the difference is obvious to the most casual observers.

I'd rather be thought ignorant than stupid. Ignorance is curable.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 03 Sep 2002 11:12:54 -0300
From: Dave Marling <ve1vq@auracom.com>
To: david.siegrist@intel.com,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134051] Re: Simpson 260 schematic/layout
Message-ID: <5.1.0.14.0.20020903111025.00b614e0@mail.auracom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have the operator's manual for the 260-7 and -7M that I can scan and send you as e-mail attachments if that will help.

Dave
VE1VQ

Date: Tue, 3 Sep 2002 10:15:01 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <david.siegrist@intel.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134052] RE: Simpson 260 schematic/layout
Message-ID: <001201c25354\$4bd677a0\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a fairly early 260 here (my dad bought it for me in 1960) that I still use all the time Dave.

I can make copies of the schematic and parts list and fax or mail 'em to you. You're also welcome to stop by the QTH if you want to look at the actual VOM.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Siegrist, David
Sent: Tuesday, September 03, 2002 8:29 AM
To: Low Power Amateur Radio Discussion
Subject: Simpson 260 schematic/layout

Hello folks,

Recently at the ARRL Boxboro convention, I had the opportunity (for \$2) to buy the first piece of test equipment the Navy taught me to use... a Simpson 260.

Got it home, and opened it up, and the distinct aroma of smoke wafted up.

I went to the Simpson web page (thanks to a pointer from the neqrp group) but only found schematics for newer equipment.

Does anyone out there have a schematic and perhaps layout of the older Simpson 260? I will be glad to reimburse any costs involved.

Thanks
dave /nt1u

David Siegrist
Intel Corp.
334 South St. SHR1-S30
Shrewsbury, Ma 01545

Date: Tue, 3 Sep 2002 08:51:52 -0600
From: William R Colbert <w5xe@juno.com>
To: Mark.Fancher@ae.ge.com, qrp-l@lehigh.edu
Subject: [134053] Re: Ten Tec Century 21 Question
Message-ID: <20020903.085153.-386711.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

80-10m direct conversion receiver, up to about 25 watts output tho it is listed as 50 watts input - run it conservatively. I just got one a couple of weeks ago and it is a very good little radio - nice sounding 3 position audio filter. Should parts or service be needed, Ten Tec still has parts and provides service. I think you will be happy with it even tho it doesn't have the WARC bands. Several on the list have C21's.

73

Ray

It is amazing what you can accomplish if you do not
care who gets the credit. HST

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2R FP# 111, SOC#78,QRP-ARCI 5784,
El Paso,(FAR WEST)TEXAS

Date: Tue, 3 Sep 2002 11:10:32 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-1@lehigh.edu, neqrp@jonal.net
Subject: [134054] Tonight. Tuesday NEQRP SSB Net at 7:30PM EDST on 7.286Mhz +-
5Khz
Message-ID: <0F4ECF94C1.99B23513-0N85256C24.00488870@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Last week was a great night with fairly good band conditions with 8
check-ins:

KC1FB	Jim	CT	FT-7
K1CL	Chuck	MA	FT-840
K1RC	John	MA	
VE2EQL	John	Montreal	FT-817
WY1W	Butch	CT	Jupiter
W1MAS	Mike	MA	TT ARGO 556
N1XTK	Keith	CT	FT-817
KA3WMJ	Ken	PA	FT-817 via relay from KC1FB

If Dx QRPers hear any of us during the net it would be great to
hear some reports of exactly how far our signals get.
I will post the SWL reports along with the check-ins.

Ron - N1ZSW
Net Control Worcester,MA K2

Date: Tue, 3 Sep 2002 09:13:02 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"cqc-1" <CQCLIST@yahoo.com>
Subject: [134055] UPDATED: the "Rock-Mite: files

Message-ID: <01b801c2535c\$664e4f60\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

More "Rock-Pile" entries and a builders note.

Enjoy.
73, Rod N0RC
the "Rock-Mite" files
<http://www.radioactivehams.com/~n0rc/rm/>
<http://www.qsl.net/n0rc/rm/> (mirror)

Date: Tue, 3 Sep 2002 09:21:41 -0600
From: "" <markb@abq.com>
To: qrp-1@lehigh.edu
Subject: [134056] Re: Gel cell - recovered
Message-ID: <c3deb711db7f416fac5207983b713b50.markb@abq.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Initially, Chris Cartwright [mailto:ccart@phideaux=2Ecom] wrote:

> The recent talk of "reviving" gel cells sent me out the the barn to=20
> find a few "dead" ones that I had not recycled yet

> The first thing I tried was reverse polarity=20
> from a variable regulated 6A supply at 13=2E8V=2E

Never intentionally reverse charge a lead acid battery=2E It irrevocably damages=
=20
the paste on the positive plate, and while diminishing amp hours it will also=
=20
increase the battery's internal impedance=2E Bad=2E The analogy I like to use
for=
=20
this event is "you can't uncook a cooked egg"=2E=20

> With nothing to loose, I cranked the power supply to 15V=20
> (max for the supply) and left the beast to "cook" for a few days=2E=20

The "nothing to lose" aspect is correct, but an equalize charge for this period=20
of time is excessive=2E The hydrogen recombinant process inside the battery can=20
only handle so much overcharge and can shorten the battery's life through two=20
ways: depletion of the catalyst and venting, which reduces the available=20
electrolyte=2E Equalization charges of lead acid (and NiCd) batteries are=20
necessary for the continued health of the battery but they need to be current=20
and time limited to prevent damage=2E

> I'm not sure if the combination of steps had anything to do with it, but=20
> suspect that the [V-nominal +25%] step did these the most good=2E

Not so much voltage, but current=2E I call it the "slow fizz" (since most of my=20
battery work involves flooded batts which bubble)=2E When reviving a dead=20
battery, having a current limit but no voltage limit assures that current will=20
flow equally through all the cells no matter what their individual state of=20
charge is=2E This is *only* for recovery, not cyclic use=2E

> If/when I come across another dead one, I'll skip the one year resting phase,=20

Very important, the longer a lead acid battery sits discharged, the more=20
difficult and less likely it will be to recover it=2E

> and the reverse polarity step,=20

Definitely=2E

Mark Fancher then replied:=20

> Interesting=2E I read an article from Home Power magazine that talked abou=20
> occasionally performing an "equalization charge"=2E They recommended charging =20
> battery bank at 18 volts every month or so=2E I always wondered what this did=20
> but maybe it revitalizes the poor performing cells in the bank=2E

More accurately, the process known as equalization is to allow a charging current to flow even after 100% of the amp hours have been returned to the battery or battery bank. What this does is intentionally overcharge the good cells while allowing current to continue to flow into the cells that are just a bit behind. If this is not done, over time the weaker cells will continue to get weaker due to never reaching a complete charge once the good cells have finished. In deep discharge/high current applications you can have a situation where a cell can go dead before the rest of the cells around it, and if you continue to use the battery you force reverse current through it, damaging it forever (see "bad", above). This cell will never catch up ever again, and the battery becomes junk.

18V on a 12V battery would be very excessive, the rule of thumb for a standard equalize charge at 20degC is 2.5 volts per cell. For a 12V battery this is 15V max. Different manufacturers state varying times and currents for this procedure, and indeed it does vary due to slight variations in plate composition, paste formulation and electrolyte specific gravity. In portable/QRP operation the duty cycle and current draws are pretty easy duty on gel cells, so typically the only care you need to exercise is proper charging and storage to get a useful life out of them.

Mark K5LXP
Albuquerque, NM
k5lxp@arrl.net

Date: Tue, 03 Sep 2002 09:26:24 -0700
From: Brian Kassel <bkassel@mato.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [134057] Contest: Spartan Sprint Results - K7RE
Message-ID: <3D74E2B0.E783BF79@mato.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Conditions were excellent, especially on 40 meters. My total was 40 QSO's on 40 and 41 QSO's on 20 meters. I worked 23 SPC's on 40M and 22 SPC's on 20M. Although they don't in the score, it is interesting to see just how many areas of the country were available. Also, I finally got my special SP rig weight down to a minimum. I know that there were a few that I missed due to QRN, and hope to pick them out next time. Antenna is a simple 300 foot 1 wavelength horizontal loop at about 30 feet. Thanks to ARS for providing this very well participated event.

If you have never tried this event, give it try. It's only 2 hours long, and MANY stations show up.

As always, if anyone needs a South Dakota QSL card, I will be glad to send one IF you also include an SASE.

Brian K7RE

Date: Tue, 3 Sep 2002 09:51:54 -0600
From: "" <markb@abq.com>
To: qrp-l@lehigh.edu
Subject: [134058] Re: Ni-cad ?
Message-ID: <d20ff9c0560042858f1be280f7f9abae.markb@abq.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Ron W2WU [w2wurjj@verizon=2Enet] wrote:

> Does the method applied to Gel-Cells apply to Ni-Cads?

No=2E NiCd batteries can be stored discharged=2E The typical failure mode of=20
NiCds is shorted, caused by dendrites that form between the plates=2E Sometime=20
s providing a high-current pulse across the battery will burn out the dendrite=20
s and recover the cell, but I've found that once a cell has reached this point=20
, even after recovery it won't last long anyway=2E

> I've been taught to run a Ni-cad flat before charging

The R/C guys do this to assure that all the cells will come up together with equal capacity=2E They tend to run their batteries at the hairy edge of capacity (car and boat racing, etc)=2E For normal HT/portable use this isn't necessary=2E

> & high current charging is detrimental=2E

A battery can be charged as fast as it's discharged *but* you have to very carefully monitor individual cell voltages to make sure you don't quickly exceed 100% and cause the cell to vent=2E Older NiCd rapid chargers did this, they'd hammer current into them until they got hot and then kick off=2E Newer chargers with "smart" sensor chips will watch the voltage and current simultaneously, and detect the characteristic "knee" in a NiCd's charge curve where the voltage starts to drop instead of rise as it reaches 100% state of charge=2E This is the best way to go, they hardly even get warm doing it this way=2E

> Suggestions for Wall Wart users?=20

Trickle charging is a pretty safe way to charge any battery if you've=20 got the time=2E As long as you limit the current to about 1/20th of the cell's rating you can leave it on indefinitely=2E If you've got a 1000mAh battery, 50mA would be a safe trickle charge current=2E

Mark K5LXP
Albuquerque, NM
k5lxp@arrl=2Enet

Date: Tue, 3 Sep 2002 12:05:51 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [134059] Lead Acid Battery Desulfator
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D3070D@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

Here's a link to some interesting stuff on sulfated batteries.

<http://shaka.com/~kalepa/desulf.htm>

Mark, AA4MF

Date: Tue, 3 Sep 2002 11:12:46 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134060] Re: Ni-cad ?
Message-ID: <200209031610.LAA07218@zinc.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

>Ron W2WU [w2wurjj@verizon.net] wrote:
>
>=>A0I've been taught to run a Ni-cad flat before charging
>

There was a time that this was suggested when most available NiCd=chargers would charge the cells at a constant rate for a given=period of time. If a partially charged pack, such as used in RC=cars or planes, were charged for too long a period of time over=and over it's life was considerably shortened. Many of the=better charges now have circuitry to do "peak detection" and=avoid this problem. Peak detection exploits a trait of NiCds=where a small peak followed by a slight drop off in voltage=occurs as the cell or pack reaches it's filly charged state. The=newer chargers see this peak and shut off.

Tim, N9PUZ
Learn About Amateur Radio: <http://www.arrl.org/hamradio.html>

Date: Tue, 3 Sep 2002 11:19:28 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: <markb@abq.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134061] Re: Ni-cad ?
Message-ID: <200209031615.LAA07364@zinc.eosinc.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

On Tue, 03 Sep 2002 09:51:54 -0600, markb@abq.com wrote:

>Trickle charging is a pretty safe way to charge any battery if=
you've
>got the time. =A0As long as you limit the current to about 1/20th=
of the
>cell's rating you can leave it on indefinitely. =A0If you've got a=
1000mAh
>battery, 50mA would be a safe trickle charge current.

I once read, but cannot find the source, that a continuous=
trickle charge to keep NiCd batteries "topped off" can shorten=
their life. The explanation was that when they are made one=
plate (positive I believe) is larger and that any time the cell=
is being charged or discharged this plate is chemically eaten=
away. Once the plate starts getting smaller than the other one=
you start to notice a decrease in capacity. Trickle charging=
uses up this plate continuously.

Can anyone confirm or deny this characteristic?

Tim, N9PUZ

Learn About Amateur Radio: <http://www.arrl.org/hamradio.html>

Date: Tue, 3 Sep 2002 12:37:29 -0400
From: "Mullin, Edward J." <mulline@tycoelectronics.com>
To: "'QRP'" <qrp-1@lehigh.edu>
Subject: [134062] Radio for trade
Message-ID: <F1C60F6146F4DF4B902254ECAC17271D6A0549@us358mx00>
MIME-Version: 1.0
Content-Type: text/plain

Hello All,

I have a Standard GX 3000 (UHF FM Mobile) radio that I would like to trade
for another rig or a keyer&paddle, or ???

If interested please respond off-list.

Regards,

> Edward Mullin

> Tyco Electronics M/A Com
> Government & Aerospace Products
> Environmental Lab
> 1011 Pawtucket Blvd.
> Lowell, MA 01853-3295
> (978)442-5452 Phone
> (978)442-5207 Fax
>
>
>

Date: Tue, 3 Sep 2002 11:56:35 -0500
From: "Rob Matherly" <w0jrm@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134063] Re: Homebrew Alcohol Stove
Message-ID: <010a01c2536b\$6439a260\$7211a541@jimrob>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you're really in a pinch, you can make a hobo stove. Just get a large coffee can, cut a hole in the side near the bottom to let smoke out, cut out a rectangular section near the top to feed in your wood, flip it over so the bottom is now the top, and you have a nice little stove to set your percolating (sp) coffee pot on. I suffer much fewer incidences of burnt fingers from trying to get my coffee pot off the fire when I camp now :^)

72/73/oo
Rob, w0jrm

=====
Visit my website! <http://www.qsl.net/w0jrm>
=====

----- Original Message -----
From: Leon Heller <leon_heller@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, September 03, 2002 4:16 AM
Subject: Re: Homebrew Alcohol Stove

>From: "Bill Jones" <kd7s@psnw.com>

>Reply-To: kd7s@psnw.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Homebrew Alcohol Stove
>Date: Mon, 2 Sep 2002 17:39:29 -0700
>
>
>----- Original Message -----
>From: "Steven Weber" <kd1jv@moose.ncia.net>
>Subject: OT: Homebrew Alcohol Stove
>
>
>
> > I came up with a nice little alcohol stove design, which is made from a
> > soup can and fruit cup can.
>
>Me too at:
><http://www.psnw.com/~kd7s/photonstove.html>

The Rev. George Dobbs, G4RJV, founder of the G-QRP club, mentioned a stove he was given when he visited a radio club in Ireland in his column in Practical Wireless, a couple of years ago. It was a very clever design, and could use anything that would burn like bits of wood, dry leaves, paper, etc. They were originally made by itinerant tinkers, and someone took the design and started making them commercially.

IIRC, it was basically a double-walled cylinder which acted as a chimney, filled with the water to be boiled, with the fuel burning in the base. It boiled very quickly, according to George.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com> If you're really in a pinch, you can make a hobo stove. Just get a large coffee can, cut a hole in the side near the bottom to let smoke out, cut out a rectangular section near the top to feed in your wood, flip it over so the bottom is now the top, and you have a nice little stove to set your percolating (sp) coffee pot on. I suffer much fewer incidences of burnt fingers from trying to get my coffee pot off the fire when I camp now :^)

72/73/oo

Rob, w0jrm

=====
Visit my website! <http://www.qsl.net/w0jrm>
=====

----- Original Message -----

From: Leon Heller <leon_heller@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, September 03, 2002 4:16 AM
Subject: Re: Homebrew Alcohol Stove

>From: "Bill Jones" <kd7s@psnw.com>
>Reply-To: kd7s@psnw.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Homebrew Alcohol Stove
>Date: Mon, 2 Sep 2002 17:39:29 -0700

>
>
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>Subject: OT: Homebrew Alcohol Stove

>
>
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><http://www.psnw.com/~kd7s/photonstove.html>

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IIRC, it was basically a double-walled cylinder which acted as a chimney, filled with the water to be boiled, with the fuel burning in the base. It boiled very quickly, according to George.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Tue, 3 Sep 2002 10:06:22 -0700 (PDT)
From: Rob Ellis <ac6wq@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [134064] Cat 5 Wire as feedline?
Message-ID: <20020903170622.82449.qmail@web20008.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have inherited alot of used CAT 5 wire for free and
I was wondering has anyone used it as antenna feedline?

Do You Yahoo!?
Yahoo! Finance - Get real-time stock quotes
<http://finance.yahoo.com>

Date: Tue, 03 Sep 2002 09:07:32 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [134065] Re: Spartan Sprint / 20 mtr Rock Mite + 1 watt can do the trick.
Message-ID: <3D74EC54.8B8F58DE@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod, you son of a gun. I called you!! Two or three times!!

I guess "YEOW, too many stations" might have made the difference. :-)

And I assume you did this on your indoor dipole antenna again. "250-300mW
running from 8 AA NiMH batts". Simply amazing...

Maybe another time, Rod. That would have been a fun QSO.

FWIW, yesterday I made the trip with several 1 watt stations:

N4BP (Beacon Pounder), W5KDJ, N0SXX, NB6M, K0EX.

Two of these are Colorado at around 0230Z. Maybe we should try a schedule tonight, Rod.

Strange, I never heard K7RE and I "always" hear K7RE if he is on 20 meters. Propagation is indeed a strange and wonderful animal.

Take care.

73, Jim
Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs/>

Rod N0RC wrote:

>
> Jim, et.al.
>
> I too ran the ARS sprint with my Rock-Mite. Only made the last 45 min,
> and 2 contacts. W7Z0I & K2ZU both on 20m. The last hour of another
> contest was in progress so CONX were rough for tiny signals. I was only
> putting out 250-300mW running from 8 AA NiMH batts.
>
> The AAPB board from KD1JV made all the difference in being able to work
> any stations. I tried briefly with out it YEOW, too many stations.
> Rounding out the setup was Doug Hauff's new Porta-Paddles (VERY NICE)
> and a NorCal BLT. Great little setup
>
> 73, Rod N0RC
>
--

Date: Tue, 03 Sep 2002 13:13:47 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134066] Re: Fw: Radial Function Comments
Message-ID: <3D74EDCB.595AFE27@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A few more thoughts on learning. These are my personal thoughts, but I

think though everyone learns differently, there are some common ideas.

I have learned mostly by myself. There were very few, or no elmers when I wa a kid, and I studied a totally different field than most in my family. The only other EE was four years older than I an had his own fish ot fry! He helped, but he was way ahead of me.

I have always leaned by putting together the pieces of whatever puzzle I was trying to understand slowly, combined with lots of personal reflection on what I was hearing. I believe this personal reflection on the ideas we hear is what actually does the learning for us.

This does not exclude the efforts of elmers, but it should be kept in mind as we help others. If you answer a question you solve the problem of the moment. If you teach him where to look for himself, you solve the problems into the future.

73

Date: Tue, 3 Sep 2002 10:13:39 -0700
From: Jeff Dairiki <dairiki@dairiki.org>
To: qrp-l@lehigh.edu
Subject: [134067] Re: Homebrew Alcohol Stove
Message-ID: <20020903101339.6573b075.dairiki@dairiki.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Tue, 3 Sep 2002 08:51:42 -0500
"Tim, N9PUZ" <n9puz@arrl.net> wrote:

> On Tue, 03 Sep 2002 09:16:46 +0000, Leon Heller wrote:
> >
> >The Rev. George Dobbs, G4RJV, founder of the G-QRP club, mentioned a
> >stove he was given when he visited a radio club in Ireland in his
> >column in Practical Wireless, a couple of years ago.
> ...
> >IIRC, it was basically a double-walled cylinder which acted as a
> >chimney, filled with the water to be boiled, with the fuel burning in
> >the base. It boiled very quickly, according to George.
>
> These are called either a Volcano Kettle or Kelley Kettle.

It might also have been a "Zip Stove":
<http://www.zzstove.com/>

I've never used one, and can't vouch for them --- but I have a friend who swears by them.

Date: Tue, 3 Sep 2002 13:20:55 -0400 (EDT)
From: Chris Cartwright <ccart@phideaux.com>
To: QRPL List <qrp-l@lehigh.edu>
Subject: [134068] Re: Cat 5 Wire as feedline?
Message-ID: <Pine.LNX.4.33.0209031315560.5794-100000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Sep 2002, Rob Ellis wrote:

> I have inherited alot of used CAT 5 wire for free and
> I was wondering has anyone used it as antenna feedline?

No, but I did split 250' of it out into 1000' of twisted pairs and buried them as radials for my 5BTV. Worked great for that, and for those who don't know, there is a polyester thread in most CAT5/5E/6, that lets you "strip" it very easily. Just pull the thread and the jacket tears in half. CAT6 includes a spacer that pulls out just as easily.

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 03 Sep 2002 19:02:49 +0100 (BST)
From: J.Bennett@lboro.ac.uk
To: qrp-l@lehigh.edu
Subject: [134069] Kite antennas
Message-ID: <1031076169.3d74f949aea8a@staff-webmail.lboro.ac.uk>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Hi Guys,

I agree that all of the suggestions so far will give you a lot of fun. If you really want to see some performance, then :-

1) Use Parafoils, they are light , strong, cheap to make , and have far

greater lift.

2) Never use the antenna as a tether, always use cord suitable for the lift rating plus a margin for snatch.

3) Use horizontal antennas and use three or more kites for the lift. One at each end of the dipole, tethered at points wider than the antenna, The remainder according to needs of lift and the feeder in use in the centre.

4) Keep WELL AWAY FROM POWER LINES for obvious reasons, and buildings, trees etc., which will cause vortices and make the system difficult to launch.

5) Fly the kites at least three or four times the height of the suspended antenna.

6) Please feed the antenna through a link winding on the tuner, one end of which is grounded. This ground must be on and connected to the system BEFORE you launch. If not, you will not be able to connect it, unless you want to do the frog experiment!!

Finally, keep away from airfields and populated areas. You will not believe the results and fun you will have.

Don't forget the safety and have a good time.

72,

Enjoy,

Jack

G3PVG

A committed parafoil man.

Date: Tue, 03 Sep 2002 18:03:33 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: dairiki@dairiki.org, qrp-1@lehigh.edu
Subject: [134070] Re: Homebrew Alcohol Stove
Message-ID: <F1786P91D5yJbFTqo9w0000c3fb@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Jeff Dairiki <dairiki@dairiki.org>
>Reply-To: dairiki@dairiki.org

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: Homebrew Alcohol Stove
>Date: Tue, 3 Sep 2002 10:13:39 -0700
>
>On Tue, 3 Sep 2002 08:51:42 -0500
>"Tim, N9PUZ" <n9puz@arrl.net> wrote:
>
> > On Tue, 03 Sep 2002 09:16:46 +0000, Leon Heller wrote:
> > >
> > >The Rev. George Dobbs, G4RJV, founder of the G-QRP club, mentioned a
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>
>I've never used one, and can't vouch for them --- but I have a
>friend who swears by them.

It was the Kelley kettle. I use a little Coleman petrol stove when I'm camping with the motorbike. I can steal some petrol from the fuel tank if I need to fill it up.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Tue, 03 Sep 2002 14:28:52 -0400

From: Ed Tanton <n4xy@earthlink.net>

To: QRP-L Reflector <qrp-l@lehigh.edu>

Subject: [134071] GDO

Message-ID: <5.1.1.6.2.20020903142008.036bed90@pop.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

There is a Heath HD-1250 GDO available on ebay for \$50.00 (#1377592916). ~ 3 days left I believe it was. Un-bid-on so far because of the \$49.95 starting price. But this is a good deal at that price. It isn't my unit, and (having several) I'm not in the market for one. I don't know the protocol about ebay on here, so if I shouldn't do something like this, let me know.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 03 Sep 2002 13:37:08 -0500
From: "George, W5YR" <w5yr@att.net>
To: n4xy@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134072] Re: GDO
Message-ID: <3D750154.25BE0B70@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like one ham helping another ham to me! <:}

73/72, George
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!

Ed Tanton wrote:

>
> There is a Heath HD-1250 GDO available on ebay for \$50.00 (#1377592916). ~
> 3 days left I believe it was. Un-bid-on so far because of the \$49.95
> starting price. But this is a good deal at that price. It isn't my unit,
> and (having several) I'm not in the market for one. I don't know the
> protocol about ebay on here, so if I shouldn't do something like this, let
> me know.

Date: Tue, 3 Sep 2002 14:38:20 -0400
From: kwike@gdls.com
To: qrp-1@lehigh.edu
Subject: [134073] MI QRP Net
Message-ID: <OF48B69CCC.EE437D74-0N85256C29.0065FF70@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on 3.535 Mhz. All Hams are welcome. 3.535 has been occupied the last several weeks with what sounds like code practice. I will QSY +/- 5 KHz.

Ed AB8DF

Date: Tue, 03 Sep 2002 14:46:51 -0400
From: Jake Brodsky <frussle@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134074] Re: Kite antennas
Message-ID: <nc0anu4cqrm8sd0a9lvum9lnm0t3i0k7ce@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

>1) Use Parafoils, they are light , strong, cheap to make , and have far=20
>greater lift.

Be careful. Some parafoils are not so stable. I have a Stratoscoop III, a parafoil variant, and although it can pull quite nicely, it's not nearly as stable as I'd like for an application such as this. =20

I suggest using a cody, a large delta, or a sled.

>3) Use horizontal antennas and use three or more kites for the lift. One=
at=20

>each end of the dipole, tethered at points wider than the antenna, The=20
>remainder according to needs of lift and the feeder in use in the =
centre.

It depends. I have had very good fortune with random wires and
antenna tuners while working against a good ground.

>5) Fly the kites at least three or four times the height of the =
suspended=20
>antenna.

If you're using a random wire, you may not need to do that. Consider
the losses of and weight of your transmission line before going for
altitude.

>6) Please feed the antenna through a link winding on the tuner, one end =
of=20
>which is grounded. This ground must be on and connected to the system =
BEFORE=20
>you launch. If not, you will not be able to connect it, unless you want =
to do=20
>the frog experiment!!

Been there, done that. If you don't want to hook the tuner up right
away, at least use a choke or high value resistor to ground BEFORE
deploying the wire. =20

>Finally, keep away from airfields and populated areas.

Those of you in the US, please see 14CFR101 for details. Read it with
care and pay attention to the applicability parts of each section.
It's not onerous, but it is significant.

72,

Jake Brodsky, <mailto:frussle@erols.com>
PP ASEL IA, Cessna Cardinal N30946, Based @ FME
Amateur Radio Station AB3A

Date: Tue, 3 Sep 2002 14:47:41 -0400 (EDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-l@lehigh.edu
Subject: [134075] Re: [133879] Re: Pacificon...Which Airport? The "How to" on a
budget.
Message-ID: <200209031847.g83Ilf014908@panix1.panix.com>

Date: Sat, 31 Aug 2002 20:11:53 -0700
From: Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>

Oakland is an international airport comparable in size to SFO.
OIA is on the same side of the Bay as Concord but one can
also pretty easily link with BART from SFO although since I
do not believe the SFO BART extension is on-line yet a some
what longer ride than from OIA to BART. 73 de tim kg6irh.

OAK is much smaller than SFO! It's only somewhat easier to get
from Oakland to Concord than from SFO to Concord by BART, but
it's worth checking airfares to both airports. All else being equal,
choose OAK. And use BART to get to Concord from either airport.

----- Original Message -----

From: "Jim Larsen - AL7FS" <AL7FS@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, August 31, 2002 7:42 PM
Subject: Re: Pacificon...Which Airport? The "How to" on a budget.

> One thing...I fly in on Alaska Airlines and I don't recall how big Oakland
> airport is. The concepts are 100% ok, just be flexible if your terminal
is
> different than the one I use.
>
> Did you go look at my 2002 Pacificon photos on my website? Also, read
the
> article I did on 1998 Pacificon. <http://www.qsl.net/al7fs/>
>
> Take care.
>
> 73, Jim
> --
> Jim Larsen, AL7FS, Anchorage, Alaska
> (BP51cc) - 61.101 North, 149.824 West
> ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094
> <mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>
>
>
> KC4FKX@aol.com wrote:>
> Jim,
>THANKS!!! Will be my first trip to Concord so all your info was
VERY
> helpful! 73, Frank
>

Date: Tue, 3 Sep 2002 15:08:47 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-1@lehigh.edu
Subject: [134076] What part do I have?
Message-ID: <0FE205AE50.25C99809-0N85256C29.0068D4F1@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I have about 50 what I think are diodes. They are glass with the following markings:

50V - self explanatory

121 J ??? here is the real puzzle.

Any help would be appreciated.

Ron - N1ZSW

Date: Tue, 03 Sep 2002 15:22:56 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: Ronald_A_Pfeiffer@raytheon.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134077] Re: What part do I have?
Message-ID: <5.1.1.6.2.20020903152042.03667238@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Ron... I suspect what you have are 120pf 50V monolythic capacitors. See if they will conduct in either 'direction'... I bet they won't.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 3 Sep 2002 12:31:01 -0700
From: "John McClain" <digi2@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [134078] Rock Mite 20 with oscillation problem
Message-ID: <001901c25380\$70c875a0\$6501a8c0@phoenix.speedchoice.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I fired up my Rock Mite 20 for the first time a few minutes ago and everything is great except for a very loud oscillation (tone) in the earphones when an antenna is attached. The tone changes frequency as I move my hand around to different areas of the board. With the antenna detached, it is quiet until I get near the area of Y2 at which time it sort of goes nuts. Grounding the case of Y2 makes things a lot better but it still isn't usable because there is still some oscillations. The receiver is very sensitive because I can hear stations with only a 12 inch jumper cable as an antenna. It transmits fine but I haven't measured the output power yet. The keyer works great, everything works great except for this darned tone in the headset. I would love to get it on the air but no way Jose until I get it quieted down. Has anyone else experienced my problem?

John
K7SVV
K2 #2569
SST 20
Rock Mite 20 almost

Date: Tue, 03 Sep 2002 14:29:29 -0500

From: Glen Reid <k5fx@arrl.net>
To: ac6wq@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134079] Re: Cat 5 Wire as feedline?
Message-ID: <3D750D99.8930BF3E@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rob,

Please publish any answers you get to the list, as I have wondered about that my self.

Thanks for asking the question.

gr

Rob Ellis wrote:

>
> I have inherited alot of used CAT 5 wire for free and
> I was wondering has anyone used it as antenna feedline?
>
> -----
> Do You Yahoo!?
> Yahoo! Finance - Get real-time stock quotes
> <http://finance.yahoo.com>

--

GLEN (Just Call Me "Buck") REID
...in the beautiful hill country of TEXAS...
Email: k5fx@arrl.net

"The difference between genius and stupidity is that genius has its limits"

Date: Tue, 3 Sep 2002 15:45:15 -0400 (EDT)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: digi2@earthlink.net
Cc: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [134080] Re: Rock Mite 20 with oscillation problem
Message-ID: <735-3D75114B-2821@storefull-2157.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Is it in a case or just a "nekkid" board? When I was testing mine out it kinda did the same thing, but once it was in the case, that all went away. Some of the DC RX guru's on here may be able to answer it better than I.

72 es oo

Dennis - WB0WAO

NJQRP #329
FPQRP #-347
SOC #499
FISTS # 9299
GACW #622
ARS #1363

Date: Tue, 03 Sep 2002 19:32:41 GMT
From: na5n@zianet.com
To: Ronald_A_Pfeiffer@raytheon.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134081] Re: What part do I have?
Message-ID: <20020903193243.4228.qmail@zianet.com>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Ronald A Pfeiffer writes:

> I have about 50 what I think are diodes. They are glass with
> the following markings:
>
> 50V - self explanatory
>
> 121 J ??? here is the real puzzle.

Ron,
Looks like you have some axial lead capacitors. The 121J would mean 120pF, the J=5% tolerance. I have seen axial lead silver mica caps encapsulated in clear plastic that looks very similar to silvery or sparkly glass.

Have you done a resistance check across the terminals to see what it might be? A diode will read a high resistance in one direction and a much lower resistance when swapping the polarity of the leads. A

cap, will of course, show a very high resistance value, if not an open circuit (depends upon the range of your DVM).

Of course if you have a capacitance meter, that would be an easy check :-)

72, Paul NA5N

Date: Tue, 3 Sep 2002 15:57:18 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'wb0wao@hotmail.com'" <wb0wao@hotmail.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134082] RE: Rock Mite 20 with oscillation problem
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30711@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I agree. When I built my "Ugly Weekender" (DC receiver) a few years ago, it did all kinds of funky things on my workbench. When I got it in the case, it worked FB. Don't know why.

Mark, AA4MF

-----Original Message-----

From: wb0wao@hotmail.com [mailto:wb0wao@hotmail.com]
Sent: Tuesday, September 03, 2002 3:45 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Rock Mite 20 with oscillation problem

Is it in a case or just a "nekkid" board? When I was testing mine out it kinda did the same thing, but once it was in the case, that all went away. Some of the DC RX guru's on here may be able to answer it better than I.

72 es oo

Dennis - WB0WAO

NJQRP #329

FPQRP #-347
SOC #499
FISTS # 9299
GACW #622
ARS #1363

Date: Tue, 3 Sep 2002 12:57:04 -0700
From: "John McClain" <digi2@earthlink.net>
To: "Dennis Ponsness" <wb0wao@hotmail.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134083] Re: Rock Mite 20 with oscillation problem
Message-ID: <003501c25384\$1482cc60\$6501a8c0@phoenix.speedchoice.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, it is very nekkid. The board is still clamped in PCB holder and all connections to it are via 12 inch jumper cables with alligator clips.

John
K7SVV
K2 #2569
SST 20

----- Original Message -----
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: <digi2@earthlink.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, September 03, 2002 12:45 PM
Subject: Re: Rock Mite 20 with oscillation problem

> Is it in a case or just a "nekkid" board? When I was testing mine
> out
> it kinda did the same thing, but once it was in the case, that all
> went
> away. Some of the DC RX guru's on here may be able to answer it
> better
> than I.
>
> 72 es oo
>
> Dennis - WB0WAO
>

>
> NJQRP #329
> FPQRP #-347
> SOC #499
> FISTS # 9299
> GACW #622
> ARS #1363
>

Date: Tue, 3 Sep 2002 15:58:40 -0400
From: "Mullin, Edward J." <mulline@tycoelectronics.com>
To: "'QRP'" <qrp-l@lehigh.edu>
Subject: [134084] Antenna Modeling software.
Message-ID: <F1C60F6146F4DF4B902254ECAC17271D6A0550@us358mx00>
MIME-Version: 1.0
Content-Type: text/plain

Hello All,

I have downloaded an antenna modeling software package called MMANA (its free ware) It seems to work well, but I was having difficulties with it, particularly getting feedlines into the picture. Does anyone on the list use it?

73 de KB1HYS
> Ed Mullin
>
>

Date: Tue, 03 Sep 2002 16:05:45 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [134085] Re: Ni-cad ?
Message-ID: <5.1.0.14.1.20020903155921.00a68d40@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Tim,

The 1/20th C (amphour rating) charge rate is near where the so-called "16-hour" chargers ran. They tended to over-charge batteries that were left on too long. The were basically unregulated power supplies that would

recharge a discharged battery in 16 hours. Any longer (or 16 hours on a partially charged battery) would inject energy into the cells that would have to be discarded as heat. Heated electrolyte would escape through the vent and be lost. This caused a loss of capacity that most people attributed to "memory effect."

A float charge is quite a bit less than 1/20th C, but is safe to leave connected indefinitely.

I'm not familiar with plate erosion the way you describe it, but I'm hardly an expert on battery chemistry.

Dave

At 11:19 AM 9/3/2002 -0500, you wrote:

>On Tue, 03 Sep 2002 09:51:54 -0600, markb@abq.com wrote:

>

> >Trickle charging is a pretty safe way to charge any battery if you've
> >got the time. As long as you limit the current to about 1/20th of the
> >cell's rating you can leave it on indefinitely. If you've got a 1000mAh
> >battery, 50mA would be a safe trickle charge current.

>

>I once read, but cannot find the source, that a continuous trickle charge
>to keep NiCd batteries "topped off" can shorten their life. The
>explanation was that when they are made one plate (positive I believe) is
>larger and that any time the cell is being charged or discharged this
>plate is chemically eaten away. Once the plate starts getting smaller than
>the other one you start to notice a decrease in capacity. Trickle charging
>uses up this plate continuously.

>

>Can anyone confirm or deny this characteristic?

I'd rather be thought ignorant than stupid. Ignorance is curable.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 3 Sep 2002 14:18:27 -0600
From: "Chad Nelson" <galahad@boisecenter.net>
To: <qrp-1@lehigh.edu>
Subject: [134086] Help with flea market treasure.
Message-ID: <001901c25387\$2a8d0310\$c837bbd0@galahad>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,

There is a flea market that takes over the small mining town of Sumpter Oregon during all the big holiday's.

The wife and I just returned from Sumpter with a box of treasures, the best deal being the w2au balun and ARRL Attenuator as a pair for \$5.00, My problem arises from picking up a 7"x5 1/4" black plastic box with aluminum face labeled as a Ram electronics model 101-1TC, it has a button for gain, one for si-ge, three switches,

1. PNP/NPN
2. X1/X10
3. ON/OFF

A meter marked BETA scaled from 0-100, three connection posts marked E,B,C, and a plug for what I guess is for testing a small component marked as well with E,B,C..

It looks to be in good shape and I pulled the four aa batteries out of it just before they were going to leak.

Any ideas what this might be? if worse comes to worse for the \$3.00 I paid it will look good on my goodies shelf. ;^)

Thanks for any help.
Chad KD7FDU

Date: Tue, 3 Sep 2002 13:16:44 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: <mulline@tycoelectronics.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134087] Re: Antenna Modeling software.
Message-ID: <005001c25386\$d35548a0\$0b02a8c0@trabucoserver>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been using it for a few months. Not the easiest package to use, but the price is right, and it appeals to my sense of whimsy. For working models with feedlines look at the files

that DL2KQ has available
at: <http://www.qsl.net/dl2kq/mmana/4-3.htm> Also see the yahoo group, which
sometimes has useful stuff.

To make things work in general, I've found that I need to set segmentation
to -1 (auto) for all wires and
set the DM value to something large (so that the small fractions of a
wavelength separating conductors in a
feedline) are handled right.

Hope this helps,

--ian k3imw/6

Date: Tue, 03 Sep 2002 16:24:28 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [134088] Re: Help with flea market treasure.
Message-ID: <5.1.0.14.1.20020903162155.00a70870@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Any ideas what this might be? if worse comes to worse for the \$3.00 I paid
>it will look good on my goodies shelf. ;^)

Chad,

Sounds like a transistor tester to me. The "beta" meter would give an idea
of the DC current gain of a given part.

It may be useful for matching transistors when you need two or more with
similar gain - for example, in an amplifier stage with multiple transistors.

Dave

I'd rather be thought ignorant than stupid. Ignorance is curable.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 3 Sep 2002 16:25:07 -0400
From: "John Dorson" <jdorson@worldshare.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [134089] MFJ 9420 info needed
Message-ID: <001c01c25388\$027d02c0\$3f9a8b41@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I recently asked for info on this rig and got some good responses. I did buy one and it works great. In fact I just finished a QSO with G0WOT. I am on the east coast of Florida with a G5RV in the attic. My problem is I am thinking about MFJs' CW unit for the rig and I deleted the folder where I kept the responses I revived...So if those folks who responded to me before have any comments on the CW unit, I would appreciate hearing from you...

Thanks.
John K2JHU...
Melbourne Beach, FL
jdorson@worldshare.net
FISTS 8637, CQC 351

Date: Tue, 3 Sep 2002 15:33:49 -0500
From: "Mark Andrews" <KE4IOF@ke4iof.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134090] Re: Help with flea market treasure.
Message-ID: <07e401c25389\$36dccc20\$b16e640a@vitalworks.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My guess would be a transistor tester of some sort...

E- Emitter, B- Base, C- Collector

Beta would be the gain?

The X1/X10 switch probably affects the meter scale.

and the PNP/NPN switch would be used for the type of transistor you are testing.

Can't imagine any other use for it.

Mark

Mark A. Andrews

----- Original Message -----

From: "Chad Nelson" <galahad@boisecenter.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, September 03, 2002 3:18 PM

Subject: Help with flea market treasure.

> Hello all,

> There is a flea market that takes over the small mining town
> of Sumpter Oregon during all the big holiday's.

> The wife and I just returned from Sumpter with a box of
> treasures, the best deal being the w2au balun and
> ARRL Attenuator as a pair for \$5.00, My problem arises from picking up a
> 7"x5 1/4" black plastic box with aluminum
> face labeled as a Ram electronics model 101-1TC, it has a button for gain,
> one for si-ge, three switches,

> 1. PNP/NPN

> 2. X1/X10

> 3. ON/OFF

> A meter marked BETA scaled from 0-100, three connection posts marked
E,B,C,

> and a plug for what I guess is

> for testing a small component marked as well with E,B,C..

> It looks to be in good shape and I pulled the four aa batteries out
of

> it just before they were going to leak.

>

> Any ideas what this might be? if worse comes to worse for the \$3.00 I paid
> it will look good on my goodies shelf. ;^)

>

> Thanks for any help.

> Chad KD7FDU

>

>

Date: Tue, 3 Sep 2002 16:36:39 -0400

From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'mulline@tycoelectronics.com'" <mulline@tycoelectronics.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134091] RE: Antenna Modeling software.
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30713@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Ed,

W7EL has a demo version of his EZNEC software. Even the demo will let you model modest antennas. I like MMANA (can't beat the price) as well, but I find coordinate input and manipulation easier with EZNEC. You can also import coordinate text files into EZNEC fairly easily. Sometimes, I use Excel as somewhat of a preprocessor for complex antennas (I once modeled a circular antenna and had Excel produce the coordinates of small elements that summed up into a circle). Having excel write these numerous coordinates as a text file will allow you to import the model easily into EZNEC.

I understand the NEC-2 engine (what EZNEC) uses is more accurate than MININEC (MMANA). MININEC will allow you to model vertical antennas feed from the ground plane, though - harder to do in NEC-2.

I think Lewallan's documentation for EZNEC is a bit more complete than MMANA.

EZNEC has an auto segmentation feature that works well for most models. You can also scale an antenna automatically for different frequencies.

EZNEC has a slick transmission modeling feature that I find most useful in modeling LPDA antennas.

EZNEC also has a stepped diameter correction feature that corrects telescoping tubes used in yagis. I don't think tapering is an issue for MININEC, though.

Check out LB Cebik's website. He has some awesome info on modeling, including comparisons of MININEC and NEC-2!

If anyone can figure out how to model the "Battle Creek Special" (160-40m vertical/inverted L), I'd be glad to exchange some emails! I've had a heck of a time modeling this complex antenna well! I'm thinking that making a four square array out of for BCS's would be an awesome low band system! Maybe we QRP'rs could design a hot and portable low band array for the next big dxpedition.

<http://www.pi4cc.nl/link/bc.htm>

I love modeling antennas! I really enjoy coming up with some real "fantasy" aeralis that work great, but I will probably never build. I once modeled a log

periodic with a boom over 70' long - neat result, but not real practical. On the other hand, modeling helped me figure out that a longish sloping vee antenna would work well for me with the space I have in my backyard - over other wire antennas.

Mark, AA4MF

-----Original Message-----

From: Mullin, Edward J. [mailto:mulline@tycoelectronics.com]

Sent: Tuesday, September 03, 2002 3:59 PM

To: Low Power Amateur Radio Discussion

Subject: Antenna Modeling software.

Hello All,

I have downloaded an antenna modeling software package called MMANA (its free ware) It seems to work well, but I was having difficulties with it, particularly getting feedlines into the picture. Does anyone on the list use it?

73 de KB1HYS

> Ed Mullin

>

>

Date: Tue, 03 Sep 2002 20:41:36 +0000

From: "Leon Heller" <leon_heller@hotmail.com>

To: Ronald_A_Pfeiffer@raytheon.com, qrp-1@lehigh.edu

Subject: [134092] Re: What part do I have?

Message-ID: <F49dcDjoYAPNXRPmcar00000021@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

>Reply-To: Ronald_A_Pfeiffer@raytheon.com

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Subject: What part do I have?

>Date: Tue, 3 Sep 2002 15:08:47 -0400

>

>I have about 50 what I think are diodes. They are glass with
>the following markings:

>

>50V - self explanatory
>
>121 J ??? here is the real puzzle.
>
>Any help would be appreciated.
>
>Ron - N1ZSW
>
>

The 121 J looks more like a capacitor- 120 pF. Diodes aren't usually marked with the voltage, capacitors are. Some high-quality capacitors were packaged in glass.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Tue, 03 Sep 2002 20:46:38 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: galahad@boisecenter.net, qrp-1@lehigh.edu
Subject: [134093] Re: Help with flea market treasure.
Message-ID: <F179C45NcL1dpgctKMy0001e238@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Chad Nelson" <galahad@boisecenter.net>
>Reply-To: galahad@boisecenter.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Help with flea market treasure.
>Date: Tue, 3 Sep 2002 14:18:27 -0600
>
>Hello all,
> There is a flea market that takes over the small mining town

>of Sumpter Oregon during all the big holiday's.
> The wife and I just returned from Sumpter with a box of
>treasures, the best deal being the w2au balun and
>ARRL Attenuator as a pair for \$5.00, My problem arises from picking up a
>7"x5 1/4" black plastic box with aluminum
>face labeled as a Ram electronics model 101-1TC, it has a button for gain,
>one for si-ge, three switches,
>1. PNP/NPN
>2. X1/X10
>3. ON/OFF
>A meter marked BETA scaled from 0-100, three connection posts marked E,B,C,
>and a plug for what I guess is
>for testing a small component marked as well with E,B,C..
> It looks to be in good shape and I pulled the four aa batteries out
>of
>it just before they were going to leak.
>
>Any ideas what this might be? if worse comes to worse for the \$3.00 I paid
>it will look good on my goodies shelf. ;^)
>

A transistor tester - measures beta (DC current gain). Must be quite old if
it has a Ge (Germanium) option.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Tue, 03 Sep 2002 17:08:02 -0400

From: David Hinerman <WD8CIV@worldnet.att.net>

To: qrp-l@lehigh.edu

Subject: [134094] cheap CAD

Message-ID: <5.1.0.14.1.20020903170343.00a6b5f0@ipostoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

I've been looking recently for cheap (i.e. free) CAD program for doing simple things like key design, furniture layout (so I can prove ot my wife that the entertainment center WON'T fit next to the computer desk), etc. 2D is a necessity, 3D would be better.

I've downloaded the free version of TurboCAD (4.1) which seems to have what I want for 2D work, but I also found a place that sells version 6.5 for about \$10 plus shipping. From the screenshots on the Web site it looks like that version will do 3D as well.

Does anyone here have any experience with TurboCAD, good or bad?

Dave

I'd rather be thought ignorant than stupid. Ignorance is curable.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 03 Sep 2002 17:08:38 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: galahad@boisecenter.net
Cc: qrp-l@lehigh.edu
Subject: [134095] Re: Help with flea market treasure.
Message-ID: <5.1.0.14.1.20020903170459.00a8ebc0@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:18 PM 9/3/02 -0600, you wrote:

>Hello all,
> There is a flea market that takes over the small mining town
>of Sumpter Oregon during all the big holiday's.

-snip-

> My problem arises from picking up a
>7"x5 1/4" black plastic box with aluminum
>face labeled as a Ram electronics model 101-1TC,

TC = Transistor Checker

> it has a button for gain,
>one for si-ge, three switches,

Si = Silicon, Ge = Germanium, both transistor types, with the germanium being the older kind of the two.

>1. PNP/NPN
>2. X1/X10
>3. ON/OFF
>A meter marked BETA scaled from 0-100,

Beta is the common emitter forward gain parameter.

> three connection posts marked E,B,C,
>and a plug for what I guess is
>for testing a small component marked as well with E,B,C..

E = Emitter, B = Base, and C = Collector

> It looks to be in good shape and I pulled the four aa batteries out of
>it just before they were going to leak.
>
>Any ideas what this might be?

Of course....it's a transistor checker. Good buy for 3 bux!!

>if worse comes to worse for the \$3.00 I paid
>it will look good on my goodies shelf. ;^)

72 and have fun,

Jim, K8IQY

Date: Tue, 3 Sep 2002 17:28:43 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [134096] Analog Century 21 Manual
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30717@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Is there anyone who would be willing to copy their Ten Tec Century 21 manual for me? I have the radio, but no manual. Of course, I'd be willing to reimburse reasonable expenses.

Thanks!
Mark, AA4MF

Date: Tue, 3 Sep 2002 15:45:49 -0600
From: "Chad Nelson" <galahad@boisecenter.net>
To: <qrp-l@lehigh.edu>
Subject: [134097] Re: Help with flea market treasure.
Message-ID: <001301c25393\$4be1c3a0\$a701d2d1@galahad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow what a group.

 A transistor tester it is! Now if I would just get studying and put it
to use!

Thank you all.

 Chad KD7FDU

Date: Tue, 3 Sep 2002 17:52:05 -0400
From: "Rick Tyler" <rp.tyler@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134098] Parts Stock-up
Message-ID: <001301c25394\$25139220\$6ee0540c@ricktyle>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It's been quite a while since I stocked up on parts to build/modify stuff
with, and since I just came upon a stock Heathkit HW-9 just screaming for
some mods, I decided to look past my local Radio Shack (where they get upset
if you don't want to tell them your name, address, and phone # for a \$.99
part) and ordered a bunch of stock from Mouser.

Let's see: 10uf 35v cap at R/S \$.99each. At Mouser \$3.10 for 100

 MPF-102 at R/S \$.99each (I'm beginning to see a pattern
here)

 MPF-102 at Mouser: \$6.10 for 100

2% Radial Polyester Film Capacitors at R/S NONE
2% Radial Polyester Film Capacitors at Mouser \$.43

Crystals for my TenTec 1330 filter (to test and select)
at R/S, why, NONE, and at Mouser, \$.34 each . . .

At Radio Shack, "You've got Questions? We don't have a clue!"

At Mouser? "You want it? We've got it!"

And I ordered all this stuff and more (\$83.04 worth) this morning and
they've already shipped it, actual shipping charges with no handling, etc.
\$5.11

Guess who's going to be getting most of my business in the future?

73 de Rick, WQ8Q

Date: Tue, 3 Sep 2002 16:51:57 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: <galahad@boisecenter.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134099] Re: Help with flea market treasure.
Message-ID: <200209032150.QAA16326@zinc.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Tue, 03 Sep 2002 14:18:27 -0600, Chad Nelson wrote:

>Any ideas what this might be? if worse comes to worse for the=
\$3.00 I paid
>it will look good on my goodies shelf. ;^)

Chad -- I don't have a clue but it's good to know there's another=
guy out there besides me that will buy something on speculation=
for the right price even though he doesn't know what it's for.=
:-)

Tim, N9PUZ
Learn About Amateur Radio: <http://www.arrl.org/hamradio.html>

Date: Tue, 3 Sep 2002 16:06:04 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [134100] permanent SLV
Message-ID: <Pine.LNX.4.33.0209031601100.3636-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This question is for those ops who have installed an SLV antenna on a permanent or semi-permanent basis...once you have extended the pole and given each section a "twist", will that do for the upcoming winter season or should one wrap a little black vinyl tape around each twist?...

...I'm also working on a coil cover and will be trying it today or tomorrow...also a wx protector of some kind to protect the bottom of the antenna and radial system connections...

...byw, I had my first QSO with Earl, VA6RF, on 40 mtrs last night so I know the SLV is receiving and transmitting...Earl was running his mighty Rick Mite which really sounded great...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 3 Sep 2002 18:07:43 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134101] RE: What part do I have?
Message-ID: <721D3436A7C2B344A301FD4A413C71A91AC0EC@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I vote for it being a capacitor, too.

The markings on a lot of capacitors indicate the value in picofarads, = with the first two digits indicating the first two digits of the value = and the third digit indicating the number of zeros that follow. So a = "121" would be 12-0 pF. If it said 123 it would be 12-000 pF, or 0.012 = uF. If it said 102, it would be 10-00 pF, or 0.001 uF, 104 would be = 10-0000 pF, or 0.1 uF, etc. (Did I mess any of them up? :-)).

The hard one is 100. One can be sure if it is 10 pF or 100 pF. :-)

73,=20

Ed Hare, W1RFI

> -----Original Message-----

> From: Leon Heller [mailto:leon_heller@hotmail.com]

> Sent: Tuesday, September 03, 2002 4:42 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: What part do I have?

>=20

>=20

>=20

>=20

>=20

> >From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

> >Reply-To: Ronald_A_Pfeiffer@raytheon.com

> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> >Subject: What part do I have?

> >Date: Tue, 3 Sep 2002 15:08:47 -0400

> >

> >I have about 50 what I think are diodes. They are glass with

> >the following markings:

> >

> >50V - self explanatory

> >

> >121 J ??? here is the real puzzle.

> >

> >Any help would be appreciated.

> >

> >Ron - N1ZSW

> >

> >

>=20

> The 121 J looks more like a capacitor- 120 pF. Diodes aren't=20

> usually marked=20

> with the voltage, capacitors are. Some high-quality=20

> capacitors were packaged=20

> in glass.

>=20

> 73, Leon
> --
> Leon Heller, G1HSM Tel: +44 1424 14790
> Email:leon_heller@hotmail.com
> My web page: http://www.geocities.com/leon_heller
> My low-cost Altera Flex design kit: <http://www.leonheller.com>
>=20
>=20
> -----
> Join the world s largest e-mail service with MSN Hotmail.=20
> <http://www.hotmail.com>
>=20
>=20

Date: Tue, 3 Sep 2002 18:16:05 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <leon_heller@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [134102] Re: Homebrew Alcohol Stove
Message-ID: <00a801c25397\$a85b0660\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> It was the Kelley kettle. I use a little Coleman petrol stove when I'm
> camping with the motorbike. I can steal some petrol from the fuel tank
if I
> need to fill it up.
>
> 73, Leon
> --

My brother does a lot of motorcycle camping.

You know those little gas lamps that aren't quite as big as a tennis ball but otherwise look like a scaled down Coleman? Only they use a 'tube' mantle instead of a 'bag'. MUCH more durable for packing on a bike!

Anyway, my brother got one that works with gas. Just like the big Coleman's. He's not found another since. I see them all the time for propane. Even bought my son one for camping. But I'd love to be able to pull a pint out of the Gold Wing tank and use it in the lantern. I don't want valuable space taken up by propane tanks. Space better used for a K2....

Mike

Date: Tue, 03 Sep 2002 22:34:29 +0000
From: alan.kaul@att.net
To: myetsko@insydesw.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [134103] OT: Re: Homebrew Alcohol Stove
Message-ID:
<20020903223433.FHEW11091.mtiwmhc22.worldnet.att.net@webmail.worldnet.att.net>

I am personally offended that a handful of people would continue this thread.

Remind me again why this discussion is on the Amateur Radio QRP-list?

If you guys want to chat about this topic--please do so privately... there's no reason to send this to the rest of us. I subscribed to the QRP-L not to the CAMP STOVE list.

And even though I know how to set my filters, I believe it is you who should take action -- i.e. take this discussion elsewhere.

72/73 de alan

--
Alan Kaul, LaCanada, CA 91011
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

> > It was the Kelley kettle. I use a little Coleman petrol stove when I'm
> > camping with the motorbike. I can steal some petrol from the fuel tank
> if I
> > need to fill it up.
> >
> > 73, Leon
> > --
>
> My brother does a lot of motorcycle camping.
>

> You know those little gas lamps that aren't quite as big as a tennis
> ball but otherwise look like a scaled down Coleman? Only they use
> a 'tube' mantle instead of a 'bag'. MUCH more durable for packing
> on a bike!
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> Coleman's. He's not found another since. I see them all the time for
> propane. Even bought my son one for camping. But I'd love to be
> able to pull a pint out of the Gold Wing tank and use it in the lantern.
> I don't want valuable space taken up by propane tanks. Space better
> used for a K2....
>
> Mike
>
>

Date: Tue, 3 Sep 2002 17:41:58 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134104] RE: motorhome antenna suggestions anyone?
Message-ID: <01C25371.34508FE0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Here's an entry from my log of 11/7/1976 (about a half-dozen CW SS QSOs logged):

"Got married yesterday."

72--Nick, WA5BDU

(OK, better tell the rest of it. We left on our honeymoon later that day and I didn't take a radio.)

-----Original Message-----

From: Fancher, Mark (GEAE) [SMTP:Mark.Fancher@ae.ge.com]

Since its your honeymoon, I suggest you leave the radio at home :-)

Mark AA4MF

Date: Tue, 3 Sep 2002 15:46:59 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'alan.kaul@att.net'" <alan.kaul@att.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [134105] Re: Homebrew Alcohol Stove
Message-ID: <BF889CEBEFD2D511B993009027F60ABE25178B@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Well, these are QRP stoves aren't they??

.mark

> -----Original Message-----
> From: alan.kaul@att.net [mailto:alan.kaul@att.net]
> Sent: Tuesday, September 03, 2002 3:34 PM
> To: Low Power Amateur Radio Discussion
> Subject: OT: Re: Homebrew Alcohol Stove
>
>
>
> I am personally offended that a handful of people would
> continue this thread.
>
> Remind me again why this discussion is on the Amateur
> Radio QRP-list?
>
> If you guys want to chat about this topic--please do so
> privately... there's no reason to send this to the rest
> of us. I subscribed to the QRP-L not to the CAMP STOVE
> list.
>
> And even though I know how to set my filters, I believe
> it is you who should take action -- i.e. take this
> discussion elsewhere.
>
> 72/73 de alan
>
> --
> Alan Kaul, LaCanada, CA 91011
> w6rcl@amsat.org
> <http://home.att.net/~alan.kaul/index.html>
>
> > > It was the Kelley kettle. I use a little Coleman petrol
> stove when I'm
> > > camping with the motorbike. I can steal some petrol from
> the fuel tank

> > if I
> > > need to fill it up.
> > >
> > > 73, Leon
> > > --
> >
> > My brother does a lot of motorcycle camping.
> >
> > You know those little gas lamps that aren't quite as big as a tennis
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> > a 'tube' mantle instead of a 'bag'. MUCH more durable for packing
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> > Anyway, my brother got one that works with gas. Just like the big
> > Coleman's. He's not found another since. I see them all
> the time for
> > propane. Even bought my son one for camping. But I'd love to be
> > able to pull a pint out of the Gold Wing tank and use it in
> the lantern.
> > I don't want valuable space taken up by propane tanks. Space better
> > used for a K2....
> >
> > Mike
> >
> >
>
>

End of QRP-L Digest 2667

